Introduction

Welcome to the third interim issue of TI*MES. This interim magazine is designed to complement your main TI*MES and should arrive between the regular issues of TI*MES. The current basis for publication of this leaflet is from the publication of TI*MES at the end of last year. This means you should expect to receive this leaflet in the latter half of January, April, July and October.

This interim newsletter is intended to provide the latest news as well as listings to type in and try out.

If you've got any comments about this interim newsletter, please direct them to me, Richard Speed, by post at:

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News

The End Of Lubbock?

As many of you are probably aware, Lubbock was the birthplace of the TI99 home computer and hosted FestWest 98 in February of this year. However, it seems that TI are seeking to finally cut all ties with this part of their history and are closing the facility. The following report comes from an on-line newspaper in the Lubbock area.

Texas Instruments is expected to discuss with city officials the options regarding the fate of its wafer fabrication facility, which will be phased out by year's end.

"TI is planning to schedule a meeting with the city in the next couple of weeks to talk about the sale of the building and how to proceed with it," said Philip J. Ritter, TI's vice president of corporate staff in Dallas.

Ritter said TI plans to maintain the 700,000-square-foot site and will treat it as an asset with an eye on selling or leasing it to another tenant.

City Manager Bob Cass said he was unaware of any TI meeting.

"I haven't heard anything about a meeting, but I'm glad it's going to happen. Obviously we'd like to see that property full of manufacturing processes," he said.

Mayor Pro-tem Max Ince also said he hadn't heard of a meeting, but added that it's a discussion that needs to occur.

"I think that conversation needs to take place. It's their building. Hopefully they'll assist us in finding a tenant," he said.

In the meantime, the Texas Department of Economic Devel-opment, formerly the Texas Department of Commerce, announced that it has assigned a rapid response team to address the closing of the Lubbock plant.

Wayne Boling, interim president for Market Lubbock Inc., the city-appointed economic development corporation, said he was contacted by TDEC on Friday and was told the state agency plans to get involved.

"They have a lot of electronic prospects for top-quality facilities, but we'll need to get some things to them such as the site plan and layout of the building," Boling said.

Boling said that will require a meeting between TI and key city leaders; a meeting that he said could occur as early as next week.

Steve Hurt, vice chairman of Market Lubbock, said it's important for the city to familiarize itself with the building in addition to hunting for a new tenant to occupy it.

Hurt said Market Lubbock probably will make an attempt to contact Boise, Idaho-based Micron Technology Inc., which on Thursday purchased TI plants in Richardson and Singapore that also were scheduled for closure.

Micron bought the remainder of TI's memory chip business in a deal valued at $800 million that finalized TI's exit from the market.

Some of the memory chip production acquired by Micron involved TI's Lubbock site, according to TI officials.

TI begins phase-down operations in Lubbock in August. The move is expected to eliminate 680 jobs, although one-third of the employees will be offered other positions at plants in Dallas and Houston.

PC99 Stage 5 Released

Stage 5 of the TI99 emulation package PC99 has now been formally released after several months of beta testing.

While there have been a host of less obvious improvements, the major advancement has to be the inclusion of emulation of the AMS memory card (128k, 256k, 512k or 1mb) and the Myarc 512k memory expansion card. Also included in the package is Myarc Extended Basic II and the Mechatronics Extended Basic II Plus module image. In addition, a PC99 software only card has now been implemented to allow for development of software expansion cards. This card currently emulates the CorComp Triple Tech clock.

PC99 has surely got to be a must for any PC owning TI users and costs $94 for the full version or $47 for a reduced feature-set version. The price includes delivery anywhere in the world and Cadd's excellent after-sales service.

You can contact CaDD at:

CaDD Electronics

45 Centerville Drive

Salem, NH 03079-2674

Tel: 603.895.0119, 603.893.1540
email: mjmw@ix.netcom.com

And Cadd now have a web page at http://www.netcom.com/~mjmw

1998 Lima MUG Conference Report by Charles Good

The two day free event Friday afternoon May 15 and all day Saturday May 16 seemed to go very smoothly. All the vendors got as many tables as they wanted. All the equipment in the seminar room ran smoothly, and most of the demonstrations worked as planned.

Everybody said they were happy with Saturday's on site food service. 61 people signed in and I know of at least three folks who gave seminars but did not sign in. I estimate attendance at 70, a far cry from the 300+ that attended the Lima MUG Conferences of 1989 and 1990. There were 28 people at the after-the-conference get together at Lima's best hamburger palace, the Kewpee.

People came from 13 states and Canada. One individual from the New England area arrived after a 21 hour Grayhound bus trip, stayed 7 hours and then went back to the Lima bus station for the 21 hour trip back. What dedication!

The conference had "free stuff" table where people could recycle their unneeded hardware and software. Lots of stuff changed hands including lots of disks, piles of old Micropendium and Home Computer Magazines, several boxed consoles, 3 full PE boxes, and

several monochrome monitors usable on both 40 and 80 column systems. John Parkens from Columbus arrived with a free system that included two horizon ramdisks which was quickly taken. The happy owner new owner of this system told me that he was an ex TIer and would now definately be getting back into our community. At the end of the day we had to discard an empty PE box and some console power supplies which nobody wanted.

The fact is that there isn't much market value for routine 99/4A hardware anymore. Even non routine used hardware seems very inexpensive. For example, at one table a complete Mechatronics 80 column peripheral with console was offered for $85.

I gave the only Friday seminar, showing off two "old" TI cartridge games that have never before been seen. Included is an Atari game called Super Storm and a Funware game called Snozola. These have almost literally been rescued from the dumpster by Competition Computer, which is now selling them to the TI community.

Super Storm is the same as the Atari 2600 game called Slime. Super Storm was advertised in 1983 and 1984 for the TI in some computer magazines of that time, but my demonstration was the first time TIers have actually seen the game. It was obvious that I am not a very good arcade game player. There were people in the audience who played with the demonstration system and were soon making more points than I.

Saturday morning bright and early Dan Eicher gave the first seminar showing off his complete Tomy Tutor Computer setup. This computer was sold at the same time as the 99/4A and was based on a 9995 cpu. Its BASIC is similar to 99/4A basic but much faster. No disk mass storage is available, only cassette. Several game cartridges were shown, all of which were converted to Geneve MDOS format several years ago by Barry Boone. Dan also showed a "Control Data Corporation 99/4A" computer. This is just like the TI version but with a different color bar powerup screen. Showing a 1983 copyright.

Dan also passed around a copy of the TI FAQ which he will be posting on the internet. This document answers lots of questions about routine use of the 99/4A.

Bob Carmany's seminar was next. Bob provided very detailed information about upgrading 99/4A systems, including which devices use which CRU addresses, which devices conflict with each other, how to set up two RS232 cards and various combinations of ramdisks, and how to connect two PE boxes together so that one console can control two PE boxes full of cards. Lots of technical information was provided. I hope some of those present took good notes.

Bruce Harrison then demonstrated all the improvements he has made to Midi Master software. He had a member of the audience use a Casio keyboard to play a short piece which was stored in the 99/4a's (with AMS) memory. The computer than played back the piece and saved it to disk. On rebooting the piece was loaded off disk and played back again. Bruce's new Midi Master software will automatically detect and use AMS memory if an AMS card is in the system. With an AMS card long musical pieces can be stored in memory.

After Bruce's seminar the MUG Conference was treated to a concert of Renaissance and Celtic music featuring live musicians accompanied by the TI. I have never seen anything like this at any of the many TI faires I have attended over the years. We were handed printed programs and treated to a series of Celtic, English, and French court and country dances played by Lory Werths, Marcel Barbeau, and Jean-Guy Barbeau. Lory is Bruce's partner and the Barbeaus are her children. They played the recorder, fiddle, bodhran (a traditional Irish drum held by one hand and struch with a short two headed stick held in the middle with the other hand), and mandolin. All musical selections were accompanied by a Casio keyboard being played by a 99/4A and Midi Master. The midi music was created by Lory. This very unusual seminar was a thoroughly enjoyable experience.

The next seminar was by Tim Tesch, who gave details of the latest Geneve version 6.0 MDOS. The new features I remember are the ability to use external SCSI Zip drives and the ability to correctly deal with dates in the year 2000 and beyond. Tim also discussed the status of Myarc repairs.

Mike Wright was next. He talked about the next release of PC99 and asked for feedback from the TI community. He said that further development has been delayed because one member of the PC99 development team has been working lots of hours at his "day" job and has had little time to work on PC99. As I understood his talk Mike was offering the TI community two alternatives. ONE: Release an updated version 5 now which includes these features not found in version 4; Myarc 512k ramdisk emulation with Myarc extended basic, 1 meg AMS card emulation, an emulated clock card, SOB operating system emulation, and super space bank switching emulation. If this is done this would probably be the last official version and the source code might be released for anyone to enhance. TWO: Wait on the next release until the PC99 team adds additional features including, hopefully, 9938/9958 VDP (ie. 80 column) emulation. In other words, do PC99 users want the above list of new features now or are they willing to wait, maybe a long wait, for more new features.

As part of the PC99 seminar I showed how easy it is to transfer a TI disk from a 99/4A system to PC99 running on my IBM laptop.

In the next seminar Lew King showed how to access the internet using his 99/4A. He used Term 80 to dial in to his internet service provider in Pennsylvania. He read an email message, sent an email message and then, most amazingly, brought up the MUG Conference web page. The web page was nicely formatted but without any graphics. Lew was using a version of the Lynx browser that was resident in the computer of his service provider. The screen display of Term 80 in 80 columns was barely readable. Lew says you can also use Telco to access the internet in 40 columns. The text is more readable but the screen display is likely be be rather jumbled.

One of the unusual aspects of Lew's seminar was his use of a VGA monitor display 99/4A video output. Lew connected the video cable of his 99/4A to a device and a cable from this device ran to the VGA monitor. The results were very sharp. Term 80 was easier to read on the VGA monitor than it was on the composite color monitors available in the seminar room.

Lew told me that he has tried this VGA device with a Geneve and the results are not good, with lots of color bleeding when the Geneve outputs in composite color. By email Lew has provided the following information about the composite-color-to-VGA interface device: "This device was made by Proview Technology Inc. 12272 Monarch Street, Garden Grove, CA. 92841 714-379-4455 Purchased from Tiger Direct 1-800-294-3269 for $120. It will input composite video and output vga. It will also do the opposite and input vga and output composite to a vcr etc. The audio is stereo input and output. Cable ready with 181 tv channel tuner built in. The tv picture quality on a vga monitor is excellent. There is a remote control included with on screen display for contrast, brightness, saturation, hue, volume, and tv channel. Audio and video cables and every thing else needed is also included. Input quality Y:U:V 4:2:2 Output quality R:G:B 8:8:8, 24 bit true color."

Ted Zychowicz was a good followup to Lew's seminar. Ted showed how to directly transfer files from an IBM to his Geneve using PORT software on the Geneve.

The final seminar was by Bud Mills. He said that he recognizes that the TI community isn't very big any more but he thinks it is large enough to support more Horizon ramdisks. He stated that he sold an 8 meg horizon earlier in the day and hopes to pay for another limited production run of Horizon boards soon. Bud also stated that he has some Pgrams available for sale.

The conference ended with Glen Bernasek of the TI Chips user group awarding the 1998 Jim Peterson Achievement awards.

Recipients were Community- Charles Good
Software- Mike Wright for PC99

Hardware- Michael Becker for his HSGPL card and 80 column card
Software- Tim Tesch.

Michael Becker was the only of these not at the MUG Conference and he later sent his thanks in an email message as follows: "Thank's to all the people, who voted for me! I am very happy and very glad to get the award, for all the hard work we made all the years for the TI-community! Do not forget the other members of our german community, who made so good work to complete my cards. There are: Juergen Stelter, who made the wonderful layout of ALL snug-cards. Harald Glaab, who wrote all the powerful programs: The DSR for EVPC, DSR for HSGPL, The DSR-loader for HSGPL and ASCSI, the EVPC-configuration-program, the HSGPL-configurator/loader/saver... (its too powerful for a single name..),and, and, and.....and our friends Wolfgang Bertsch and Oliver Arnold, who work on the SCSI-project for WHT and snug-card-users."

A welcome sight at the vendor area was Larry Conner of L.L. Conner Enterprise. He hasn't been to a TI show in several years. Other vendors and groups with tables included Lee Bendick (hardware for sale), Tony Kneer (software give aways), Ramcharged Computers (Asgard and other software), Bud Mills Services, CADD electronics (PC99), Cleveland area user groups, Dave Connery (hardware), Milwaukee area TI User group, Harrison software, S & T Software (Tim Tesch), The Fort's User Group of Fort Wayne Indiana, and HUGGERS User Group of Indianapolis Indiana. The only vendor who was scheduled but did not show up was Don Walden of Cecure Electronics. Don has missed several TI faires lately.

End of the line for PC99

As the release of stage 5 of PC99 brought with it the announcement that one of the key PC99 developers was having to scale down his involvement in the project due to work commitments.

This leaves the future of the PC99 project a little uncertain. As it is, the current release emulates a fully loaded TI system as well as some more exotic hardware, such as Ram Disks and extra memory cards. Future development planned includes the addition of emulation of a faster TMS processor, emulation of the 80 column VDP chips and a possible port to Windows through either adopting a different compiler or by recoding the emulation in Java (which is currently CaDD's preferred option.) Unfortunately without support from the TI community this is unlikely to happen.

CaDD have two options, either find another experienced emulator programmer to tackle future development, or perform a source code release, similar to that now being done by Netscape, and allow the relevant members of the TI community to tackle the parts of the project that interest them the most. CaDD would welcome suggestions and can be contacted at the address elsewhere in this newsletter.

News from Germany

Our user-group has released the MF2-version 1.11, the scan-decoding MF2_tabg 1.11 for german keyboard layout and the MF2_tabe 1.00 for english-layout. On the UK TI AGM I was able to buy an english kayboard from Trevor Stevens, so I could realize the english layout. Momentarily I route a 16bit RAM-DSR-card, which can be configured as an HRD-compatible card (...and used with any ROS...{secret-information!}). It may be used with any TI in 8bit or with SGCPU in 16bit. It repairs all bugs, which are never fixed in all the HRD-layouts.

This project is a little bit difficult. I do not want to have the same problems with Bud Mills as with WHT about licensing, so I call the card RAM-DSR-card. The user may configure this card to an HRD by simply plug in a Jumper...The card will be sold without any DSR. The user may use this card with any DSR he want.....(...and download the ROS8.14F from any BBS...)

I will produce a few new EVPC-80column-cards and a few BwG-Disk-Controller, both for 350,- DM each (nearly 120 pounds). If anyone is interested. I have to order a minimum of 10 pcb's.

TI Tref 98

The 13th TI Tref is to be held by the UK TI User Group from the 9th to 11th of October at the Beeches Hotel in Nottingham. You should already have received a flyer advertising this, and I hope as many of us as possible can attend. As well as us UK Tiers there will be TI users from all over Europe and US. Confirmed attendees are Micheal Becker to demonstrate the exciting range of hardware that have been produced by his user group over the past few years, and Mike Wright of US-based CADD to demonstrate the latest version of the the excellent TI emulator, PC99.

It's also probably worth coming just to see me try and squeeze my system, along with a PC and a 17 inch monitor into my Mini Cooper.

For those staying over, but not able to stay at the Beeches Hotel itself, Richard Twyning has provided a list of alternative accomodation below:

None of these hotels are any more than a quarter hour walk from the Beeches Hotel, and as you can see they offer quite varying rates.

The event is from Friday the 9th of October 1998 to Sunday the 11th of October 1998.

If you want to stay at the main hotel, then the rates are....

35 Pounds for a single room.
42 Pounds for a double/twin room.
42 Pounds for an executive single room.
62 Pounds for an executive double room.

All rooms have private bathrooms, satellite TV, radio, direct dial telephones, tea and coffee making facilities.

Executive rooms are larger, also have teletext on their TV's, hair dryer, trouser press, desk/work area.

All prices include FULL english breakfast and free use of swimming pool, sauna, gymnasium, jacuzzi, steam room.

The address is: The Beeches Hotel and Leisure club, Wilford Lane, West Bridgford, Nottingham NG2 7RN.

Phone: +44 115 981 8753
FAX: +44 115 945 5838

Alternatively...

Acorn Hotel, 4 Radcliffe Road, West Bridgford, Nottingham. NG2 5FW
Phone: +44 115 981 1297 FAX: +44 115 981 7654
En suite rooms (2 single rooms, 8 double/twin rooms, 2 family rooms)
Between 22 and 27 pounds per night for a single room.
40 pounds for a double room.
NO SMOKING, Children welcome, Credit cards accepted, frequent bus service, TV's in rooms, Hotel has a lounge area, Parking, Licensed bar, Rooms have tea and coffee making facilities.

Balmoral Hotel, 55-57 Loughborough Road, West Bridgford, Nottingham. NG2 7LA
Phone: +44 115 945 5020
En suite rooms (14 single rooms, 16 double/twin rooms, 1 family room)
Between 25 and 35 pounds per night for a single room.
Between 40 and 45 pounds for double room.
They have special rates available.
Evening meal for residents, licensed bar, TV's in rooms, credit cards accepted, children welcome, vegitarians catered for, parking, disabled access, lounge area, frequent bus service, rooms have tea and coffee making facilities.

Cambridge Hotel, 63-65 Loughborough Road, West Bridgford, Nottingham. NG2 7LA
Phone: +44 115 981 1455
En suite rooms (12 single rooms, 8 double/twin rooms, 1 family room
Between 25 and 45 pounds for a single room.
Between 50 and 70 pounds for a single room.
They have special rates available.
NO SMOKING.
Evening meal for residents, licensed bar, TV's in rooms, credit cards accepted, children welcome,

vegitarians catered for, parking, disabled access, lounge area, frequent bus service, rooms have tea and coffee making facilities, public licensed bar.

Castle Hotel, 82 Radcliffe Road, West Bridgford, Nottingham. NG2 5HH
Phone: +44 115 945 5784
En suite rooms (1 single room, 7 double/twin rooms)
Between 20 and 36 pounds for a single room.
Between 30 and 48 pounds for a double room.
TV's in rooms, frequent bus service, children welcome, pets are allowed, parking.

Clarke Hotel, 72 Radcliffe Road, West Bridgford, Nottingham. NG2 5HH
Phone: +44 115 981 1323
En suite rooms (3 single rooms, 9 double/twin rooms, 1 family room)
Between 17 and 25 pounds for a single room.
Between 28 and 36 pounds for a double room.
They have special rates available.
Licensed bar, frequent bus service, credit cards accepted, TV in rooms, parking, children welcome, vegitarians catered for, tea & coffee making facilities, pets are allowed.

Colru Guest House, 83 Chaworth Road, West Bridgford, Nottingham. NG2 7AE
Phone: +44 115 982 0685
Rooms are NOT en-suite! (1 single room, 1 double/twin room, and 1 family room)
Between 13.5 pounds and 15 pounds for a single room.
Between 25 and 30 pounds for a double room.
They have special rates available.
NO SMOKING.
Frequent bus service, Garden area, TV's in rooms, children welcome, vegitarians catered for, tea & coffee making facilities, parking.

County Hotel, 6 Millicent Road, West Bridgford, Nottingham. NG2 7LD
Phone: +44 115 981 6004
En suite rooms (5 single rooms, 9 double/twin rooms, 2 family rooms)
Between 18 and 25 pounds for a single room.
Between 32 and 36 pounds for a double room.
They have special rates available.
Licensed bar, TV's in rooms, garden area, frequent busses, evening meal children and pets welcome, vegitarians catered for, parking, tea and coffee making facilities, lounge area.

Croft Hotel, 6-8 North Road, West Bridgford, Nottingham. NG2 7NH
Phone: +44 115 981 2744
Rooms are NOT en-suite. (8 single rooms, 6 double/twin rooms, 2 family rooms)
Between 18 and 25 pounds for a single room.
Between 30 and 40 pounds for a double/twin room.
They have special rates available.
Frequent . busses, garden area, tea & coffee making facilities, TV's in rooms, children and pets welcome, vegitarians catered for, parking, lounge area.

The Firs Guest House, 96 Radcliffe Road, West Bridgford, Nottingham. NG2
5HH
Phone: +44 115 981 0199
Rooms are NOT en-suite. (1 single room, 4 double/twin rooms, 3 family rooms)
18 pounds for a single room.
27.5 pounds for a double room.
TV's in rooms, frequent busses, tea & coffee making facilities, children and pets welcome, vegitarians catered for, parking, lounge area.

Forest Hills Hotel & Restaurant, 100-102 Musters Road, West Bridgford, Nottingham. NG2 7PS
Phone: +44 115 981 1133 FAX: +44 115 981 1488
En-suite rooms (12 single rooms, 5 double/twin rooms, 2 family rooms)
Between 19.55 pounds and 28 pounds for a single room.
Between 39.5 pounds and 43 pounds for a double room.
Licensed bar, evening meal, only guide dogs are allowed, frequent busses restaurant open to public, TV's in rooms, tea & coffee making facilities.

Listings

More from Carsten Ziepke (see last issue.) This time we have two Extended Basic programs. My apologies if any have been printed before. Enjoy!

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100 ! **********************
110 !
120 !       SPUERNASE
130 !   english version
140 !  Copyright 86/97 by
150 !
160 !    CARSTEN  ZIEPKE
170 !
180 !
190 !   Benoetigte Geraete
200 !    TI99/4A  Konsole
210 !     TI Ext. Basic
220 !    opt.  Joystick 1
230 !   Speech Synthesizer
240 !
241 ! IT IS FREEWARE NOW !
242 ! FEEL FREE TO SPREAD IT
243 ! IF YOU LIKE IT SEND
244 ! ME AN EMAIL, A POST-
245 ! CARD OR WHATEVER YOU
246 ! WANT :-)
247 !
248 !  cziepke@ki.comcity.de
249 !  WESTRING 268
250 !  D-24116 KIEL
251 !  GERMANY
252 !
253 ! IT IS A MEMORY LIKE
254 ! GAME FOR 2-4 PLAYERS
255 ! U CAN ALSO PLAY AGAIN
256 ! 2 UNIQUE COMPUTER
257 ! PLAYERS
258 ! a) RUDI RATLOS
259 ! b) ALBERT EINSTEIN
260 !
270 !
280 ! **********************
290 !
300 GOTO 380
310 OPTION BASE 1
320 CALL CHARSET::CALL CLEAR
::CALL SCREEN::CALL COLOR::C
ALL CHAR::CALL MAGNIFY::CALL
 PEEK::CALL SAY::CALL SPGET:
:CALL SOUND::CALL JOYST
330 CALL SPRITE::CALL LOCATE
::CALL KEY::CALL DELSPRITE::
CALL HCHAR::CALL AUSG::CALL
AN::CALL JOYST1::CALL GONG::
CALL ERFOLG
340 DATA 1
350 YYY,XXX,ANT$,A$,SE$(),KK
$,KK,J,ZNA,L,SUM,YALT,XALT,S
,K,Y1,X1,XX,YY,LOOP,RN,Y,X,P
OI(),KEY,KEY$,NAME$(),ANZ,GA
ME$,SPE$,SPE,SPEECH,I
360 DIM ZEICH$(35),BPOS(5,8)
,YPOS(5),XPOS(8),CPOS(5,8)
370 !@P-
380 CALL CHARSET
390 CALL CLEAR::CALL SCREEN(
14)::FOR I=2 TO 10::CALL COL
OR(I,14,16)::NEXT I::CALL CO
LOR(0,14,16,1,16,14,11,16,14
,12,5,11,13,7,12,14,12,12)
400 CALL CHAR(112,"010305050
505050505060700000000FF02F
C0000000000",42,"0044003C444
4443800440044444443A")
410 DISPLAY AT(2,7) BEEP:"pS
pPp+pRpNpApSpE";TAB(7);"qrqr
qrqrqrqrqrqr"
420 DISPLAY AT(9,2):"EIN LUS
TIGES DETEKTIV-
SPIEL"::CALL CHAR(64,"FFFFE3
DFDFDFE3FF")::DISPLAY AT(20,
3):"@ 1986 BY CARSTEN ZIEPKE
"
430 ZEICH$(1)="000778807C3F3
F1F1F0F07070303010000C03C027
CF8F8F0F0E0C0C080800000" !TU
ETE
440 ZEICH$(2)="0708102722222
22210080700000000F00804722
22222720408F08080808080" !ST
OP-SCHILD
```

```
450 ZEICH$(3)="000103070F1F3
F7F3F1F0F07030100000000080C0E
0F0F8FCF8F0E0C080000000" !VI
ERECK
460 ZEICH$(4)="00030F1F1F3F3
F7F7F3F3F1F1F0F03000080E0F0F
0F8F8FCFCF8F8F0F0E08000" !KR
EIS
470 ZEICH$(5)="000103070F0F1
F1F0F07010101030F000080C0E0F
0F8F8F0F0E0808080C0F000" !BA
UM 1
480 ZEICH$(6)="0001030703070
F1F3F070F1F3F030300000080C08
0C0E0F0F8C0E0F0F8808000" !TA
NNE
490 ZEICH$(7)="007F7F7F7F7F7
F7F7F7F7F7F7F7F7F0000FEFEFEF
EFEFEFEFEFEFEFEFEFEFE00" !QU
ADRAT
500 ZEICH$(8)="0000007F7F7F7
F7F7F7F7F7F7F000000000000FEF
EFEFEFEFEFEFEFEFE000000" !RE
CHTECK
510 ZEICH$(9)="0000000007093
1FFFFFF1C08000000000000004C
42414FFFFFF381000000000" !AU
TO
520 ZEICH$(10)="00001C3E7F7F
7F7F3F1F0F07030100000000387C
FEFEFEFEFCF8F0E0C0800000" !H
ERZ
530 ZEICH$(11)="00000000001F
3F7F7F7F7F7F3F3F0F0000000608
10204080E0F0F0F0F0E0C000" !K
IRSCHE
540 ZEICH$(12)="000101010101
01030707070F07010000808080
808080C0E0E0E0E0F0E08000" !G
LOCKE
550 ZEICH$(13)="00061B3F2C00
03070C0D07000404030000000C0F0
3018D8F038F898183060C000" !S
CHLANGE
560 ZEICH$(14)="01070F0D7FFC
9F3F7DF8DC8DD998302080E0F0B0
F83EFEB399D9D88C8CC84CC4" !K
RAKE
570 ZEICH$(15)="071F3F3D7B7F
7F7F7F7F3F3F1F2720E0E0F8FCFC
FEFEFEFEFEFEFCFCF8E40407" !B
ALLON
580 ZEICH$(16)="000000000167
9F9F2542400000000000000000000
80E6F9F9A442020000000000" !K
REBS
590 ZEICH$(17)="6060170F1F19
393F3F303F3F1F0F067E0606E8F0
F8989CFCFC0CFCFCF8F0607E" !W
ESEN 1
600 ZEICH$(18)="0C0C0F19191F
17180F037FFFDE0F061E6060E030
30F2D237E787FFFFF7E7C0F0" !M
ANN MIT SPRUEHDOSE
610 ZEICH$(19)="000000070040
E17F03000000000000000000FF
206EF1F9FEF812FC00000000" !H
UBSCHRAUBER
620 ZEICH$(20)="000000031F27
47FFFFFF573810000000000000FF
FFFFFFFFFFFEA1C08000000" !L
ASTER
630 ZEICH$(21)="000000000000
1FE7F83F07000000000000000000
010306FE0EF8E00000000000" !F
LUGZEUG
640 ZEICH$(22)="000000000000
000102040A192410080000384444
2458800000000000000000000" !S
CHLUESSEL
650 ZEICH$(23)="00000020518B
962F4344880C0000000000000004
8AD169F4C222113000000000" !S
PINNE
660 ZEICH$(24)="0307050F0603
1F3FBFFFEF8F07063E7CC0E0A0F0
60C0F8FCFDFFF7F1E0607C3E" !M
ANN
```

```
670 ZEICH$(25)="221214080609
1626E129141B1625484808102438
60906864879428D868A41212" !W
ESEN 2
680 ZEICH$(26)="201009058668
1A91543318678A32458820C40890
601C528928CE11E844282492" !W
ESEN 3
690 ZEICH$(27)="010303030301
030F0F0F0F0303070BFF80C060C0
C080C0E4FCECF0E0C281C1FE" !S
KILAEUFER
700 ZEICH$(28)="010307070F0F
0F1F1F3F3F1F0701030F80C0E0E0
F0F0F0F8F8FCFCF8E080C0F0" !B
AUM 2
710 ZEICH$(29)="0103060F0B1E
1F0B0F0703010101030F80C0E0B0
F0F8D8F070E0C0808080C0F0" !A
PFELBAUM
720 ZEICH$(30)="0103070F1939
3F77FBFC7F7F2F27508880C0E0F0
989CFCEEDF3FFEFEF4E49A11" !W
ESEN 4
730 ZEICH$(31)="03070F1C3C7F
7F3E1F0D0C0C0C0C0C1EE0F0F89C
9EFFFF3EFCD8181818183C" !W
ESEN 5
740 ZEICH$(32)="00000464F4BE
9F0F0D0503010101000000002026
2F6DF9F0B0A0C08080800000" !F
LEDERMAUS
750 ZEICH$(33)="000000071F3F
7F7F737B333B0000000000000080
E8F8FEDEC0E0008000000000" !B
AER
760 ZEICH$(34)="000F1015202F
201F020F12171505050F00804040
20A020C01C8C546040800080" !E
SKIMO
770 ZEICH$(35)="004121110905
037F030509112141000000040810
204080FC8040201008040000" !S
ONNE
780 CALL CHAR(128,"FFFFFEFDF
DFDFFF3EDDEDEFDFBFFFBFFFF1FE
FF7F7F7F7EFDFBFBFBFFFBFFFFF"
)
790 CALL CHAR(140,"10101052F
4F8F870")::CALL CHAR(136,RPT
$("0",64))::RANDOMIZE::CALL
MAGNIFY(2)
800 DATA 3,6,9,12,15,5,8,11,
14,17,20,23,26
810 RESTORE 800::FOR I=1 TO
5::READ YPOS(I)::NEXT I::FOR
 I=1 TO 8::READ XPOS(I)::NEX
T I
820 CALL CLEAR::FOR I=0 TO 1
0::CALL COLOR(I,16,14)::NEXT
 I
830 CALL PEEK(-
28672,SPEECH)::IF SPEECH<>0
THEN SPE=1 ELSE SPE=0
840 IF SPE=1 THEN DISPLAY AT
(10,1) BEEP:"DO YOU WANT SPE
ECH(Y/N) ? Y"::ACCEPT AT(10,
27) VALIDATE("YN") SIZE(-
1):SPE$::IF SPE$="N" THEN SP
E=0
850 IF SPE THEN CALL SAY("HE
LLO")::CALL SPGET("GAMES",SP
E$)::GAME$=SEG$(SPE$,1,68)
860 DISPLAY AT(10,1) ERASE A
LL BEEP:"HOW MUCH PLAYERS (2
 -
 4) ? 4"::ACCEPT AT(10,28) V
ALIDATE("234") SIZE(-
1):ANZ::IF SPE THEN CALL SAY
("O+K")
870 DISPLAY AT(20,2) ERASE A
LL BEEP:"FOR COMPUTER:"::DIS
PLAY AT(22,1):"C1 -
> EINSTEIN"::DISPLAY AT(24,1
):"C2 -> RUDI RATLOS"
880 FOR I=1 TO ANZ::DISPLAY
AT(I*2+5,1):"NAME:"
```

```
890 ACCEPT AT(I*2+5,6) VALID
ATE(UALPHA,"12") SIZE(10):NA
ME$(I)
900 IF LEN(NAME$(I))=2 THEN
IF NAME$(I)<>"C1" AND NAME$(
I)<>"C2" THEN 890
910 NEXT I
920 DISPLAY AT(10,1) ERASE A
LL BEEP:"KEYBOARD OR JOYST
ICK 1 ? J K J":
::IF SPE THEN CALL SAY("U+CAN
+USE+KEYBOARD+OR+JOYSTICK")
930 ACCEPT AT(10,28) VALIDAT
E("KJ") SIZE(-
1):KEY$::IF KEY$="K" THEN KE
Y=2 ELSE KEY=1
940 IF KEY=1 THEN DISPLAY AT
(14,6):"ALPHA LOCK RELEASE":
::CALL SOUND(800,110,30)::CAL
L SOUND(1,110,30)
950 FOR I=1 TO ANZ::POI(I)=0
::NEXT I::CALL CLEAR
960 DISPLAY AT(1,11):"SP+RNA
SE"::CALL CHAR(64,"3C4299A1A
199423C")::DISPLAY AT(24,3):
"@ 1986 BY CARSTEN ZIEPKE"
970 CALL COLOR(13,14,14)::IF
 SPE THEN CALL SAY("PLEASE+W
AIT")
980 RN=INT(RND*15)+1::FOR I=
RN TO RN+19
990 X=INT(RND*8)+1::Y=INT(RN
D*5)+1
1000 IF BPOS(Y,X)<>0 THEN 99
0
1010 BPOS(Y,X)=I::CALL AUSG(
YPOS(Y),XPOS(X),128)
1020 X=INT(RND*8)+1::Y=INT(R
ND*5)+1::IF BPOS(Y,X)<>0 THE
N 1020 ELSE BPOS(Y,X)=I::CAL
L AUSG(YPOS(Y),XPOS(X),128)
1030 NEXT I
1040 CALL COLOR(13,7,12)::CA
LL AN(ANZ,NAME$(),POI())::IF
 SPE THEN CALL SAY("LET+STAR
T+THE1+",GAME$)
1050 FOR I=1 TO ANZ
1060 DISPLAY AT(22,1) BEEP:"
GO ";NAME$(I);"!"
1070 IF NAME$(I)="C1" OR NAM
E$(I)="C2" THEN 1390
1080 Y,X=1::YY=24::XX=34::CA
LL SPRITE(#1,140,16,YY,XX)
1090 X1,Y1=0::IF KEY=2 THEN
CALL JOYST1(X1,Y1) ELSE CALL
 JOYST(1,X1,Y1)
1100 IF X1=-
4 AND XX>34 THEN XX=XX-
24::X=X-
1 ELSE IF X1=4 AND XX<202 TH
EN XX=XX+24::X=X+1
1110 IF Y1=4 AND YY>24 THEN
YY=YY-24::Y=Y-1 ELSE IF Y1=-
4 AND YY<120 THEN YY=YY+24::
Y=Y+1
1120 CALL LOCATE(#1,YY,XX)::
CALL KEY(1,K,S)::IF K<>18 TH
EN 1090
1130 IF BPOS(Y,X)=0 THEN 109
0
1140 CPOS(Y,X)=BPOS(Y,X)
1150 XALT=X::YALT=Y::CALL CH
AR(120,ZEICH$(BPOS(Y,X)))::C
ALL AUSG(YPOS(Y),XPOS(X),120
)::CALL GONG(1)
1160 X1,Y1=0::IF KEY=2 THEN
CALL JOYST1(X1,Y1) ELSE CALL
 JOYST(1,X1,Y1)
1170 IF X1=-
4 AND XX>34 THEN XX=XX-
24::X=X-
1 ELSE IF X1=4 AND XX<202 TH
EN XX=XX+24::X=X+1
1180 IF Y1=4 AND YY>24 THEN
YY=YY-24::Y=Y-1 ELSE IF Y1=-
4 AND YY<120 THEN YY=YY+24::
Y=Y+1
```

```
1190 CALL LOCATE(#1,YY,XX)::
CALL KEY(1,K,S)::IF K<>18 TH
EN 1160
1200 IF BPOS(Y,X)=0 THEN 116
0
1210 CPOS(Y,X)=BPOS(Y,X)
1220 IF X=XALTAND Y=YALT THE
N 1160
1230 CALL CHAR(124,ZEICH$(BP
OS(Y,X)))::CALL AUSG(YPOS(Y)
,XPOS(X),124)::CALL GONG(1)
1240 CALL DELSPRITE(#1)
1250 IF BPOS(Y,X)=BPOS(YALT,
XALT) THEN 1300
1260 DISPLAY AT(22,1) BEEP:"
YOU ARE WRONG !"::IF SPE THE
N IF RND>.55 THEN CALL SAY("
A1+A1+A1+A1,#THAT IS INCORRE
CT") ELSE CALL SAY("UHOH,#TH
AT IS INCORRECT")
1270 IF SPE=0 THEN CALL SOUN
D(1000,110,30)::CALL SOUND(1
,110,30)
1280 CALL AUSG(YPOS(Y),XPOS(
X),128)::CALL AUSG(YPOS(YALT
),XPOS(XALT),128)
1290 GOTO 1370
1300 CALL GONG(2)::DISPLAY A
T(22,1) BEEP:"WOW ! RIGHT !"
::IF SPE THEN IF RND>.55 THE
N CALL SAY("OH,#THAT IS RIGH
T") ELSE CALL SAY("#GOOD WOR
K#+#THAT IS RIGHT#")
1310 CALL AUSG(YPOS(Y),XPOS(
X),136)::CALL AUSG(YPOS(YALT
),XPOS(XALT),136)
1320 POI(I)=POI(I)+1::BPOS(Y
,X)=0::BPOS(YALT,XALT)=0
1330 CALL AN(ANZ,NAME$(),POI
())
1340 SUM=0::FOR L=1 TO ANZ::
SUM=SUM+POI(L)::NEXT L::IF S
UM=20 THEN 1520
1350 IF SPE=0 THEN CALL SOUN
D(250,110,30)::CALL SOUND(1,
110,30)
1360 GOTO 1060
1370 DISPLAY AT(22,1)::NEXT
I
1380 SUM=0::FOR L=1 TO ANZ::
SUM=SUM+POI(L)::NEXT L::IF S
UM=20 THEN 1520 ELSE 1050
1390 Y=INT(RND*5)+1::X=INT(R
ND*8)+1
1400 IF BPOS(Y,X)=0 THEN 139
0
1410 CPOS(Y,X)=BPOS(Y,X)
1420 XALT=X::YALT=Y::CALL CH
AR(120,ZEICH$(BPOS(Y,X)))::C
ALL AUSG(YPOS(Y),XPOS(X),120
)::CALL GONG(1)
1430 FOR Y=1 TO 5::FOR X=1 T
O 8
1440 IF CPOS(Y,X)<>BPOS(YALT
,XALT) THEN 1450 ELSE IF Y=Y
ALTAND X=XALT THEN 1450 ELSE
 1490
1450 NEXT X::NEXT Y
1460 Y=INT(RND*5)+1::X=INT(R
ND*8)+1
1470 IF BPOS(Y,X)=0 OR Y=YAL
TAND X=XALT THEN 1460
1480 CPOS(Y,X)=BPOS(Y,X)::GO
TO 1230
1490 IF NAME$(I)="C1" AND RN
D<.85 THEN 1510 ELSE IF NAME
$(I)="C2" AND RND<.6 THEN 15
10
1500 GOTO 1460
1510 CALL CHAR(124,ZEICH$(BP
OS(Y,X)))::CALL AUSG(YPOS(Y)
,XPOS(X),124)::CALL GONG(1):
:GOTO 1300
1520 CALL DELSPRITE(ALL)::CA
LL ERFOLG::IF SPE THEN CALL
SAY("THAT+IS+IT")
1530 CALL CLEAR
```

```
1540 ZNA=ANZ::FOR I=1 TO ZNA
-1::FOR J=I+1 TO ZNA
1550 IF POI(I)>=POI(J) THEN
1570
1560 KK=POI(I)::KK$=NAME$(I)
::POI(I)=POI(J)::NAME$(I)=NA
ME$(J)::POI(J)=KK::NAME$(J)=
KK$
1570 NEXT J::NEXT I
1580 SE$(1)="U+R+THE1+FIRST"
::SE$(2)="U+R+THE1+SECOND"::
SE$(3)="U+R+THE1+THIRD"::SE$
(4)="U+R+THE1+FOURTH"
1590 FOR I=1 TO ANZ
1600 IF NAME$(I)="C1" THEN A
$="EINSTEIN" ELSE IF NAME$(I
)="C2" THEN A$="RUDI RATLOS"
 ELSE A$=NAME$(I)
1610 DISPLAY AT(I*2+4,4):A$;
TAB(20);" SCORE:";STR$(POI(I
))
1620 IF SPE THEN IF I=1 THEN
 CALL SAY(SE$(1)) ELSE IF PO
I(I)=POI(I-
1) THEN CALL SAY(,,SE$(I-
1),,"+TOO"):SE$(I)=SE$(I-
1) ELSE CALL SAY(,,SE$(I))
1630 NEXT I
1640 IF SPE THEN CALL SAY("T
HE1+",GAME$,"+IS+OVER")
1650 DISPLAY AT(24,1):"  AN
OTHER GAME (Y/N) ? Y"::ACCEP
T AT(24,25) VALIDATE("YN") S
IZE(-1):ANT$
1660 IF ANT$="Y" THEN 1680 E
LSE CALL CLEAR::IF SPE THEN
CALL SAY("GOODBYE")
1670 END
1680 FOR Y=1 TO 5::FOR X=1 T
O 8::BPOS(Y,X),CPOS(Y,X)=0::
NEXT X::NEXT Y::XXX,YYY,X,Y,
XX,YY,X1,Y1,XALT,YALT=0
1690 GOTO 820
1700 !@P+
1710 SUB AUSG(Y,X,CODE)
1720 CALL HCHAR(Y,X,CODE)::C
ALL HCHAR(Y+1,X,CODE+1)::CAL
L HCHAR(Y,X+1,CODE+2)::CALL
HCHAR(Y+1,X+1,CODE+3)::SUBEN
D
1730 SUB AN(ANZ,NAME$(),POI(
))
1740 FOR I=1 TO ANZ::IF NAME
$(I)="C1" THEN A$="EINSTEIN"
 ELSE IF NAME$(I)="C2" THEN
A$="R.RATLOS" ELSE A$=NAME$(
I)
1750 IF I=1 OR I=3 THEN YY=1
9 ELSE YY=20
1760 IF I=1 OR I=2 THEN XX=1
 ELSE XX=16
1770 A$=A$&":"&STR$(POI(I))
1780 DISPLAY AT(YY,XX) SIZE(
13):RPT$(" ",13-
LEN(A$))&A$::NEXT I::SUBEND
1790 SUB JOYST1(X1,Y1)
1800 CALL KEY(1,K,S)::IF K=2
 THEN X1=-
4 ELSE IF K=3 THEN X1=4 ELSE
 IF K=5 THEN Y1=4 ELSE IF K=
0 THEN Y1=-4
1810 SUBEND
1820 SUB GONG(VAR)
1830 FOR I=0 TO 9::CALL SOUN
D(-250,391,I)::NEXT I
1840 IF VAR=1 THEN SUBEXIT
1850 FOR I=0 TO 9::CALL SOUN
D(-
250,329,I,391,I+11)::NEXT I
1860 FOR I=0 TO 9::CALL SOUN
D(-
250,261,I,329,I+11,391,I+21)
::NEXT I
1870 SUBEND
1880 SUB ERFOLG::FOR I=1 TO
2::TD=1400::T16=TD/16
```

```
1890 CALL SOUND(T16,659,1,26
2,3)::CALL SOUND(T16,698,3,2
62,5)
1900 CALL SOUND(TD/8,784,3,3
92,5)::CALL SOUND(T16,659,3,
330,5)
1910 CALL SOUND(T16,698,3,33
0,5)::CALL SOUND(TD/8,784,3,
392,5)
1920 FOR J=1 TO 2
1930 CALL SOUND(T16,698,1,24
7,3)::CALL SOUND(T16,247,5)
1940 CALL SOUND(T16,659,3,39
2,5)::CALL SOUND(T16,392,5)
1950 CALL SOUND(T16,587,3,34
9,5)::CALL SOUND(T16,392,5)
1960 CALL SOUND(TD/8,392,5)
1970 NEXT J::IF I=2 THEN 202
0
1980 CALL SOUND(T16,659,1,26
2,3)::CALL SOUND(T16,262,5)
1990 CALL SOUND(T16,587,3,39
2,5)::CALL SOUND(T16,392,5)
2000 CALL SOUND(T16,523,3,33
0,5)::CALL SOUND(T16,330,5)
2010 NEXT I
2020 CALL SOUND(T16,523,3,33
0,3)::CALL SOUND(T16,330,5)
2030 CALL SOUND(T16,659,3,39
2,5)::CALL SOUND(T16,395,5)
2040 CALL SOUND(T16,523,3,33
0,5)::CALL SOUND(T16,330,5)
2050 SUBEND

10 REM **********************
11 REM (C) 1983,1997 BY
12 REM CARSTEN ZIEPKE
13 REM IT IS NOW FREEWARE
14 REM FELL FREE TO COPY IT
15 REM IF YOU LIKE IT SEND
16 REM ME AN EMAIL OR A POST
17 REM CARD OR WHAT YOU WANT
18 REM cziepke@ki.comcity.de
19 REM WESTRING 268
20 REM D-24116 KIEL
21 REM GERMANY
22 REM **********************
23 REM
100 CALL CLEAR
110 CALL SCREEN(2)
120 PRINT::::::::::::::::::
::::::::::
130 FOR I=1 TO 14
140 CALL COLOR(I,5,16)
150 NEXT I
160 PRINT TAB(6);"TUERME VON
 POMPEJI"
170 PRINT::::
180 PRINT "      (C) CARSTEN
ZIEPKE                 5.10.1
983"
190 PRINT::::
200 FOR I=1 TO 600
210 NEXT I
220 PRINT " SCHON ZU ZEITEN
POMPEJI'S   SPIELTE MAN DIES
ES SPIEL. "
230 PRINT " ABER NICHT MIT E
INEM        TI99/4(a),SO WIE
 SIE!"
240 PRINT::" SIE WERDEN GLEI
CH DREI PO-
  DESTE SEHEN.AUF DEM 1.SIND
  SECHS KASTEN AUFGESTAPELT.
"
250 PRINT " IMMER DER KLEINE
RE AUF DEM  GROESSEREN KASTE
N."
260 PRINT
270 PRINT " ES GIBT NUR EINE
 REGEL AUF  DIE SIE BEIM UMS
TAPELN      ACHTEN MUESSEN:E
S DARF NIE"
280 PRINT " EIN GROESSERER A
UF EINEM    KLEINEREN KASTEN
 SEIN!"
290 PRINT:::
300 CALL KEY(0,K,S)
```

```
310 IF S=0 THEN 300
320 PRINT::"  FOR INTERNATIO
NAL USER"::
330 PRINT "YOUR GOAL IS TO T
RANSFER THEBOXES FROM THE LE
FT TO THE  RIGHT. THERE IS J
UST ONE"
340 PRINT "RULE! YOU COULD N
OT PUT A   BIG BOX ON SMALLE
R ONE."
350 PRINT "IF YOU HEAR A LOW
 TONE YOU  HAVE TO PRESS THE
 KEY OF THE"
360 PRINT "TOWER FROM WHERE
YOU TAKE   THE BOX ( 1-
3 ). AND IF YOU"
370 PRINT "HEAR A HIGH TONE
YOU PRESS  THE NUMBER OF THE
 TOWER     WHERE YOU WANT TO
 TRANSFER  IT. HAVE A NICE T
IME !"
380 PRINT:::
390 CALL KEY(0,K,S)
400 IF S=0 THEN 390
410 CALL CLEAR
420 CALL CHAR(100,"0000003C3
C000000")
430 CALL CHAR(101,"0000007E7
E000000")
440 CALL CHAR(102,"00007E7E7
E7E0000")
450 CALL CHAR(103,"0000FFFFF
FFF0000")
460 CALL CHAR(104,"00FFFFFFF
FFFFF00")
470 CALL CHAR(105,"FFFFFFFFF
FFFFFFF")
480 PRINT::::::::::::::::::
::::::::::
490 PRINT TAB(5);"**********
**********"
500 PRINT TAB(5);"*TUERME VO
N POMPEJI*"
510 PRINT TAB(5);"**********
**********"
520 PRINT:::::::::::::::::
530 REM PODESTE ZEICHNEN
540 CALL HCHAR(18,5,95,5)
550 CALL HCHAR(18,14,95,5)
560 CALL HCHAR(18,23,95,5)
570 CALL HCHAR(19,4,47)
580 CALL HCHAR(19,13,47)
590 CALL HCHAR(19,22,47)
600 CALL HCHAR(20,3,47)
610 CALL HCHAR(20,12,47)
620 CALL HCHAR(20,21,47)
630 CALL HCHAR(19,10,92)
640 CALL HCHAR(19,19,92)
650 CALL HCHAR(19,28,92)
660 CALL HCHAR(20,11,92)
670 CALL HCHAR(20,20,92)
680 CALL HCHAR(20,29,92)
690 REM ZEICHNE DIE KAESTEN
700 CALL HCHAR(12,7,100)
710 CALL HCHAR(13,7,101)
720 CALL HCHAR(14,7,102)
730 CALL HCHAR(15,7,103)
740 CALL HCHAR(16,7,104)
750 CALL HCHAR(17,7,105)
760 FOR I=1 TO 100
770 NEXT I
780 CALL HCHAR(23,10,32)
790 CALL SOUND(10,220,0)
800 CALL KEY(0,K,S)
810 IF S=0 THEN 800
820 CALL HCHAR(23,10,K)
830 K=K-48
840 IF K<1 THEN 800
850 IF K>3 THEN 800
860 FOR I=1 TO 100
870 NEXT I
880 CALL HCHAR(23,20,32)
890 CALL SOUND(10,440,0)
900 CALL KEY(0,E,T)
910 IF T=0 THEN 900
920 CALL HCHAR(23,20,E)
930 E=E-48
```

```
940 IF E<1 THEN 900
950 IF E>3 THEN 900
960 IF K=E THEN 790
970 DATA 7,16,25
980 FOR I=1 TO K
990 READ ORT1
1000 NEXT I
1010 RESTORE
1020 FOR I=1 TO E
1030 READ ORT2
1040 NEXT I
1050 RESTORE
1060 ZUEGE=ZUEGE+1
1070 FOR I=12 TO 17 STEP 1
1080 CALL GCHAR(I,ORT1,X)
1090 IF X<>32 THEN 1120
1100 NEXT I
1110 GOTO 760
1120 FOR II=12 TO 17 STEP 1
1130 CALL GCHAR(II,ORT2,XX)
1140 IF XX<>32 THEN 1160
1150 NEXT II
1160 IF XX<>32 THEN 1180
1170 XX=150
1180 IF X>XX THEN 760
1190 CALL HCHAR(I,ORT1,32)
1200 CALL HCHAR(II-1,ORT2,X)
1210 CALL GCHAR(12,25,TTT)
1220 IF TTT<>100 THEN 760
1230 CALL CLEAR
1240 PRINT::::::::::::::::::
::::::::::
1250 PRINT TAB(5);"*********
***********"
1260 PRINT TAB(5);"*TUERME V
ON POMPEJI*"
1270 PRINT TAB(5);"*********
***********"
1280 PRINT::::::
1290 PRINT "UM DIESES SPIEL
ZU GEWINNEN,BRAUCHTEST DU:";
ZUEGE;" ZUEGE."
1300 PRINT
1310 PUNKTE=3000-ZUEGE*10
1320 PRINT "DAS SIND:";PUNKT
E;" PUNKTE."
1330 PRINT:::::
1340 CALL KEY(0,RR,TT)
1350 IF TT=0 THEN 1340
1360 CALL CLEAR
1370 ZUEGE=0
1380 PUNKTE=0
1390 GOTO 480
```