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10 REM## Herbert at the World's End##
20 REM## An Adventure for the ##
30 REM## CPC 464 ##
40 REM## <C> P. Lewis, June 85 ##
50 MODE 1:INK 1,24:INK 0,1:INK 2,20:INK 3,6:P
APER 0:PEN 1
60 PRINT " Whilst doing a spot of weeding on
his allotment, Herbert falls through a tiny
hole in the space-time continuum and finds hi
mself in a parallel universe. Well,nearly par
allel."
70 PRINT " More to the point, he finds himse
lf in the clutches of the Evil Troll."
80 PRINT " The Troll grabs his lapels, gazes
into his eyes (a dreadful experience for bot
h parties!) and says,"
90 PRINT " "Find my four treasures and leave
them at the World's End, or I will feed you
to Tiddles!"
100 PRINT " Tiddles is a twelve foot sabre to
othed tiger, so Herbert feels inspired to try
!"
110 PRINT "Unfortunately, Herbert is none too
bright (speaking Trollish is his only accomp
lishment) so perhaps you would think for him!
":PRINT
120 aX=16:jX=0:n1X=41:gX=8
130 DIM loc$(n1X),mX(n1X,4),t$(aX),tX(aX),s$(
aX),g$(gX)
140 FOR x=1 TO n1X :READ loc$(x):FOR y=1 TO 4
: READ mX(x,y):NEXT y:NEXT x
150 FOR x=1 TO aX:READ t$(x),tX(x),s$(x):NEX
T x
160 FOR x= 1 TO gX :READ g$(x):NEXT x
170 pX=1:PRINT "I am "+loc$(pX)
180 IF pX=23 AND tX(6)=23 AND tX(8)=23 AND tX
(12)=23 AND tX(15)=23 THEN PRINT " Congratula
tions! You have completed the mission! Your r
eward is a trip home- Have a nice day!":EN
D
190 IF pX=29 THEN PRINT "I'm on top of a wate
rfall! I'm swept over!! Aaaagh!":akX=1
200 IF pX=13 AND tX(7)=0 THEN PRINT "Has no-o
ne ever told you that going through a cave sy
stem with a boat is incredibly hard work?"
210 IF pX=12 AND jX>0 AND anX=0 THEN PRINT "I
t's very confusing here. Should we drop thing
s to mark the path?"
220 IF anX=1 THEN PRINT :PRINT "Sorry! My mis
take!":anX=2
230 IF akX=1 THEN PRINT "Oh, dear, a bad case
of terminal death!":GOTO 2200
240 IF akX=2 THEN PRINT "Phew! That was close
!":akX=10
250 IF akX=3 THEN PRINT "Who IS this woman?!"
:akX=4
260 PRINT "What do you want to do?":PRINT:kX
=0
270 f=FRE(0)
280 INPUT z$:z$=LOWER$(z$):a$=LEFT$(z$,1):b$=
LEFT$(z$,2):c$=LEFT$(z$,3):d$=LEFT$(z$,4):PR
INT
290 IF a$="n"AND LEN(z$)=1 OR c$="nor" OR d$=
"go n" THEN cX=1:kX=1

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300 IF a$="s" AND LEN(z$)=1 OR c$="sou" OR d$=
"go s" THEN c%=2:k%=1
310 IF a$="e" AND LEN(z$)=1 OR c$="eas" OR d$=
"go e" THEN c%=3:k%=1
320 IF a$="w" AND LEN(z$)=1 OR c$="wes" OR d$=
"go w" THEN c%=4:k%=1
330 IF c%>0 THEN np%=a%(p%,c%):IF np%=0 THEN
PRINT "You can't go that way":c%=0
340 GOSUB 1470
350 IF p%=11 AND c%=2 OR p%=25 AND c%=1 THEN
GOSUB 1520
360 IF p%=19 AND c%=4 AND ag%=0 THEN GOSUB 15
30
370 IF ( p%=15 AND c%=1 AND ab%=0) OR (p%=30 A
ND c%=4 AND ab%=0) THEN GOSUB 1540
380 IF p%=6 AND c%=2 AND af%=0 THEN PRINT "I
can't see in the dark!":c%=0
390 IF c%>0 AND np%<>0 THEN PRINT "I am "+lo
c$(np%):p%=np%:c%=0:GOSUB 620
400 IF c$="qui" THEN GOTO 2200

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410 IF c$="tak" OR c$="get" OR c$="gra" OR  
c$="pic" THEN kX=1: GOSUB 640  
420 IF c$="inv" THEN kX=1: GOSUB 800:ELSE IF  
c$="rea" THEN kX=1:GOSUB 1420  
430 IF c$="dro" OR c$="lea" THEN kX=1: GOSUB  
850  
440 IF d$="unsc" THEN kX=1:GOSUB 930  
450 IF c$="use" THEN kX=1 :GOSUB 960:ELSE IF  
d$="stra" THEN kX=1:GOSUB 990  
460 IF c$="wea" THEN kX=1:GOSUB 1110:ELSE IF  
(d$="go i" OR c$="ent") AND pX=23 THEN kX=1  
:PRINT "I can't go in there! It's a den of vi  
ce and iniquity- and the beer's awful!"  
470 IF c$="eat" THEN kX=1 :GOSUB 1140  
480 IF c$="rub" THEN kX=1 :GOSUB 1170  
490 IF r$="off" THEN kX=1:PRINT "Well, really  
! You ":z$: " yourself!"  
500 IF c$="kil" OR c$="att" THEN kX=1 :GOSUB  
1190  
510 IF c$="pat" OR d$="stro" OR c$="tic" THEN
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kX=1:PRINT g$(1)
520 IF c$="giv" THEN kX=1:GOSUB 1250: ELSE IF
c$="suf" THEN kX=1:PRINT "What shall I use?"
530 IF c$="ope" THEN kX=1:GOSUB 1350
540 IF d$="unlo" THEN kX=1:GOSUB 1370
550 IF c$="loc" THEN kX=1:PRINT "I'm "+ loc$(
pX):GOSUB 620
560 IF d$="swim" THEN kX=1:PRINT "The water's
freezing!"
570 IF c$="lig"OR d$="swit" THEN kX=1:GOSUB
1400
580 IF c$="sav" THEN kX=1:GOSUB 2220
590 IF c$="log" THEN kX=1:GOSUB 2340
600 IF kX=0 THEN PRINT "I don't understand"
610 GOTO 180
620 FOR x= 1 TO aX:IF tX(x)=pX THEN PRINT "I
see " + t$(x) + " here!"ELSE 630
630 NEXT x:RETURN
640 IF jX=4 THEN PRINT "I can't carry anymore
!":RETURN
650 IF r$="swo" AND asX=0 AND pX=3 THEN PRINT
"It's screwed in!":RETURN:ELSE IF r$="flo" A
ND (pX=26 OR pX=36) THEN PRINT "Certainly not
!":RETURN
660 IF r$="che" AND pX=9 THEN PRINT "Too heav
y!":RETURN:ELSE IF r$="sig" AND pX=23 THEN PR
INT g$(2):RETURN
670 IF r$="dia" AND acX=1 AND pX=9 THEN PRINT
"The snake hisses and strikes!": akX=2:RETUR
N
680 IF r$="cus" AND pX=17 THEN PRINT "Too bul
ky!":RETURN:ELSE IF r$="com" AND (pX=37 OR pX
=38 OR pX=39) THEN PRINT "No! It smells!":RET
URN
690 IF r$="eme" AND pX=16 AND asX=0 THEN PRIN
T "The troll glares menacingly!":RETURN
700 IF r$="tro" AND pX=16 THEN PRINT g$(1):RE
TURN:ELSE IF r$="spi" AND pX=33 THEN PRINT g$
(1):RETURN
710 IF r$="pea" AND pX=33 AND adX=0 THEN PRIN
T "The spider's eyes glitter coldly and it wa
ves its hairy legs!":RETURN
720 IF r$="rub" AND ahX=0 THEN PRINT "The old
woman threatens me with a spade!":RETURN
730 IF r$="spa" AND pX=37 THEN GOSUB 990:RETU
RN
740 FOR x= 1 TO aX
750 IF tX(x)=pX AND LEFT$(s$(x),3)=r$ THEN GO
SUB 790 ELSE 760
760 NEXT x
770 IF qX>0 THEN qX=0: RETURN
780 IF qX=0 THEN PRINT "I see no "+rt$+ " her
e!":RETURN
790 PRINT "O.K":jX=jX+1:qX=qX+1:tX(x)=0:RETUR
N
800 PRINT "I have " : nX=0
810 FOR x=1 TO aX :IF tX(x)=0 THEN v=1
820 IF v=1 THEN PRINT t$(x):v=0:nX=1
830 NEXT x: IF nX=0 THEN PRINT "Nothing!"
840 RETURN
850 IF r$="hel" AND tX(2)=0 THEN anX=0
860 IF r$="boa" AND tX(7)=0 THEN abX=0
870 n=0: FOR x=1 TO aX
880 IF tX(x)=0 AND LEFT$(s$(x),3)=r$ THEN v=1
:tX(x)=pX:n=n+1:jX=jX-1
890 IF v=1 AND (pX=27 OR pX=28) THEN PRINT "T
he "+rt$ + " sinks without trace.":tX(x)=99:v=
0:ELSE IF v=1 AND pX=12 THEN PRINT "The "+rt$
+ " disappears into the bog!":tX(x)=99:v=0:anX
=1: ELSE IF v=1 THEN PRINT "O.K.":v=0
900 NEXT x
910 IF n=0 THEN PRINT "I don't have a "+ rt$
920 RETURN
930 IF pX=3 AND tX(3)=0 THEN PRINT "The screw
s come undone and the sword falls to the grou
nd!":tX(9)=3:asX=1:loc$(3)="standing in front
of a stone table.There is a sword-shaped hol
e in it.":RETURN

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940 IF pX=3 AND tX(3)<>0 THEN PRINT "I don't
have a screwdriver!":RETURN
950 IF pX<>3 THEN PRINT g$(2):RETURN
960 FOR x=1 TO aX
970 IF LEFT$(s$(x),3) =r$ AND tX(x)<>0 THEN P
RINT "I can't! I have no "+rt$+" to use!":RET
URN
980 NEXT x
990 IF r$="scr" THEN GOSUB 930:RETURN
1000 IF r$="wel" THEN GOSUB 1110:RETURN
1010 IF r$="key" THEN GOSUB 1370:RETURN:ELSE
IF r$="lam" THEN GOSUB 1400:RETURN
1020 IF r$="swo" AND pX=9 AND tX(9)=0 THEN PR
INT "The snake sways away from the flashing b
lade and strikes!":IF akX=0 THEN akX=2:RETURN
: ELSE IF akX=10 THEN akX=1:RETURN
1030 IF r$="clo" AND pX=9 AND tX(10)=0 THEN P
RINT "The snake suffocates and dies!":acX=2:t
X(6)=9:loc$(9)="in a crypt. There is an open
treasure chest here. A snake lies dead beside
it.":PRINT "I'm "+loc$(9):GOSUB 620:RETURN
1040 IF r$="swo" AND pX=16 AND tX(9)=0 THEN P
RINT "The troll snatches the sword and flings
it to the ground!":tX(9)=16: jX=jX-1:RETURN
1050 IF r$="clo" AND pX=16 AND tX(10)=0 THEN
PRINT "The troll blows his nose on it and dro
ps it!":t$(10)="an embroidered cloth (slightl
y soiled)":tX(10)=16: jX=jX-1:RETURN
1060 IF r$="boa" AND ( pX=15 OR pX=30) AND tX
(7)=0 THEN PRINT "What a good idea!":abX=1:RE
TURN
1070 IF r$="boa" AND (pX=11 OR pX=25) THEN PR
INT "I can't ROW over that!":RETURN
1080 IF r$="swo" AND pX=33 AND tX(9)=0 THEN P
RINT "The spider disintegrates into a pool of
green goo!":adX=1:loc$(33)="in a huge chambe
r with massive cobwebs. A pool of nameless gr
een sludge rots in a corner.":PRINT "I'm "+lo
c$(33):GOSUB 620:RETURN
1090 IF pX=37 AND (r$="swo" OR r$="han" OR r$
="spa" OR r$="wom") THEN PRINT "She fends me
off with the spade! She's battering me with t
he spade! Aaagh!!":IF akX=0 THEN akX=2:RETURN
:ELSE IF akX=10 THEN akX=3:RETURN:ELSE IF akX
=4 THEN akX=1:RETURN
1100 PRINT g$(2): RETURN
1110 IF r$="wel" AND tX(2)<>0 THEN PRINT "I d
on't have any!":RETURN
1120 IF r$="wel" AND tX(2)=0 THEN PRINT g$(6)
:amX=1:cX=0:RETURN
1130 PRINT g$(4):RETURN
1140 IF r$="tur" AND tX(1)=0 THEN PRINT "Wha
t, raw and all covered in dirt? "+g$(4):RETUR
N:ELSE IF r$="tur" AND tX(1)<>0 THEN PRINT g$
(3):RETURN
1150 IF r$="car" AND tX(13)=0 THEN PRINT "Del
icious! And my eyesight is so much better now
!":afX=1:jX=jX-1:tX(13)=99:RETURN:ELSE IF r$=
"car" AND tX(13)<>0 THEN PRINT "I have none!":
RETURN
1160 PRINT g$(3):RETURN
1170 IF r$="lam" AND tX(4)=0 THEN PRINT g$(6)
+" It looks much cleaner now!":RETURN:ELSE IF
r$="lam" AND tX(4)<>0 THEN PRINT g$(3):RETUR
N
1180 PRINT g$(4):RETURN
1190 IF r$="goa" AND pX=19 THEN PRINT g$(2)+
" I'm a member of the R.S.P.C.A!":RETURN:
1200 IF r$="sne" AND pX=9 THEN PRINT g$(8)+
"+g$(1):RETURN
1210 IF r$="tro" AND pX=16 THEN PRINT "How?":
RETURN
1220 IF r$="spi" AND pX=33 THEN PRINT g$(8)+
"+g$(1):RETURN
1230 IF r$="wom" AND pX=37 THEN PRINT "Yeah!
I'm all for doing in the old bat! What shall
I do? Strangle her?":RETURN

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1240 PRINT g$(5):RETURN
1250 IF r$="tur" AND pX=19 AND tX(1)=0 THEN P
PRINT "The goat eats them greedily":agX=1:tX(
1)=99:jX=jX-1:RETURN:ELSE IF r$="tur" AND tX
(1)<>0 THEN PRINT g$(3):RETURN
1260 IF r$="ted" AND tX(11)<>0 THEN PRINT g$(
3):RETURN
1270 IF r$="ted" AND pX=16 AND tX(11)=0 THEN
PRINT "'Teddy!' screams the Troll and hugs th
e bear to his bosom":aeX=1:tX(11)=99:jX=jX-1:
loc$(16)="in a small badly decorated bedroom.
A troll sits cuddling a teddy.":PRINT "I'm "
+loc$(16):GOSUB 620:RETURN
1280 IF r$<>"ted" AND r$<>"clo" AND pX=16 THE
N PRINT "The troll looks puzzled and gives it
back":RETURN
1290 IF r$="clo" AND pX=16 THEN GOSUB 1050:RE
TURN
1300 IF r$="ros" AND pX=37 AND tX(14)=0 THEN
PRINT "'You toad!' screams the old hag,'You p
icked my prize blooms!' She hits me with a ba
g of compost.":tX(14)=37:jX=jX-1:t$(14)="tram
pled roses":RETURN
1310 IF r$="ros" AND tX(14)<>0 THEN PRINT "Wh
at roses?":RETURN
1320 IF r$="see" AND pX=37 AND tX(16)=0 THEN
PRINT "'Onions!' cackles the old bat and sna
tches the packet":tX(16)=99:jX=jX-1:tX(15)=37
:loc$(37)="outside a garden shed. An old lady
is planting onion seeds.":ahX=1:PRINT "I'm "
+loc$(37):GOSUB 620: RETURN
1330 IF r$="see" AND tX(16)<>0 THEN PRINT "I
have none!":RETURN
1340 PRINT g$(7):RETURN
1350 IF r$="che" AND pX=9 AND acX=0 THEN PRIN
T "It's locked!":RETURN
1360 PRINT g$(5):RETURN
1370 IF pX<>9 THEN PRINT g$(1):RETURN:ELSE I
F tX(5)<>0 AND ( r$="che" OR r$="key") THEN
PRINT "I don't have a key":RETURN
1380 IF tX(5)=0 AND ( r$="che" OR r$="key")
AND pX=9 THEN loc$(9)="in a crypt. There is
an open treasure chest here! A snake lies coi
led on a pile of diamonds inside it!":PRINT "
I'm "+loc$(9):acX=1: RETURN
1390 PRINT g$(5):RETURN
1400 IF r$="lam" AND tX(4)=0 THEN PRINT "It d
oesn't seem to work":RETURN:ELSE IF r$="lam"
AND tX(4)<>0 THEN PRINT g$(3):RETURN
1410 PRINT g$(2):RETURN
1420 IF pX=23 THEN PRINT "It says 'The World'
s End Public House.":RETURN
1430 IF pX=7 THEN PRINT "It says, 'Who stole
Troll's teddy?":RETURN
1440 IF pX=18 THEN PRINT "It says,": PRINT ""
Roses are red,violets are blue":PRINT "Give h
er a present and she'll love you!":RETURN
1450 IF pX=14 THEN PRINT "It says, 'Kilroy was
here, and he suffocated it!":RETURN
1460 PRINT "There isn't anything to read!":RE
TURN
1470 IF LEN(z$)>6 THEN 1480 ELSE 1510
1480 FOR h=1 TO LEN(z$)
1490 IF MID$(z$,h,1)=" " THEN rt$=RIGHT$(z$,
(LEN(z$)-h)):r$=LEFT$(rt$,3)
1500 NEXT h
1510 RETURN
1520 IF amX<1 THEN PRINT "I'm on the edge of
a marsh! I'm not putting my clean, little fee
t in that!":cX=0:GOSUB 620:RETURN:ELSE IF am
X=1 THEN t$(2)="a pair of filthy wellies":amX
=2:RETURN:ELSE IF amX=2 THEN RETURN
1530 PRINT "A large billy goat bars the way!"
:cX=0:RETURN
1540 PRINT "Walk on water? I can't do that!":
cX=0:RETURN
1550 DATA in a small clearing in a wood.A pat
h leads to the south,0,2,0,0

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1560 DATA walking along a path in the wood.
A track crosses at right angles,1,5,4,3
1570 DATA standing in front of a stone table.
There is a glittering sword stuck in it!,0,0,
2,0
1580 DATA beside a rushing river,1,5,23,0
1590 DATA walking along a cliff edge,2,6,0,0
1600 DATA in the entrance to a small cave,5,7
,0,0
1610 DATA in a low muddy passage.A message is
chalked on the wall! ,6,8,0,0
1620 DATA at the entrance to a huge chamber,0
,9,13,17
1630 DATA in a crypt. There is a gigantic tre
asure chest here!,8,10,0,18
1640 DATA in a dimly lit cave entrance.It sm
ells nasty!,9,11,14,0
1650 DATA on the edge of a stinking marsh,0,1
2,0,10
1660 DATA crossing a smelly marsh,11,0,0,24
1670 DATA in a hall of stalactites,15,16,0,0
1680 DATA in a cupboard.A message is scratche
d on the door!,0,0,0,10
1690 DATA on the banks of a deep pool,27,13,0
,0
1700 DATA in a small badly-decorated bedroom.
A troll sits sullenly in a corner,0,0,0,8
1710 DATA in a pleasant room full of cushions
,0,0,7,0
1720 DATA in a very narrow dirty passage.A me
ssage is painted on the wall! ,0,9,0,19
1730 DATA in a field,20,11,0,26
1740 DATA lost in a dark forest,21,20,20,20
1750 DATA lost in a dark forest,21,21,22,21
1760 DATA lost in a dark forest,3,22,6,22
1770 DATA outside a pub with a creaking woode
n sign.,23,35,23,4
1780 DATA on the edge of a disgusting marsh,0
,25,12,0
1790 DATA on a grassy bank,24,0,0,0
1800 DATA in a pretty flower garden. An overf
ed goat sleeps nearby.,40,0,19,0
1810 DATA in a dinghy. An underground river j
oins the pool here.,28,15,0,0
1820 DATA in a dinghy by a small shingle beac
h.,29,27,30,0
1830 DATA in a dinghy. The current is very st
rong here!,0,0,0,0
1840 DATA standing on a small shingle beach.,
0,0,31,28
1850 DATA in a damp passage,32,0,0,30
1860 DATA in a passage full of glistening cob
webs,33,31,35,0
1870 DATA in a huge chamber hung with massive
cobwebs. An ENORMOUS spider hangs from a thr
ead as thick as a rope.,34,32,0,0
1880 DATA at a dead end,0,33,0,0
1890 DATA in a grassy gully,0,0,36,32
1900 DATA on a hillside covered in flowers,37
,0,0,35
1910 DATA outside a garden shed. An ugly old
woman is potting up cuttings.A red ruby glitt
ers on the window-sill!,38,36,0,23
1920 DATA beside a large compost heap.,39,37,
0,0
1930 DATA upto my knees in smelly compost!,39
,39,38,39
1940 DATA in a hedge,0,26,41,0
1950 DATA still in a hedge,40,40,41,41
1960 DATA lots of turnips,19,turnip
1970 DATA a pair of little red wellies,26,wel
lies
1980 DATA a screwdriver,2,screwdriver
1990 DATA a little brass lamp,5,lamp
2000 DATA a golden key,25,key
2010 DATA sparkling diamonds,99,diamonds
2020 DATA a small glass-fibre boat,14,boat
2030 DATA an ornate emerald,16,emerald

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2040 DATA a glittering sword,99,sword
2050 DATA an embroidered cloth,17,cloth
2060 DATA a battered teddy,15,teddy
2070 DATA a perfect glistening pearl,33,pearl
2080 DATA a bunch of carrots,4,carrots
2090 DATA red roses,36,roses
2100 DATA a red ruby,99,ruby
2110 DATA a packet of onion seeds,6,seeds
2120 DATA You must be joking!
2130 DATA What a ridiculous suggestion!
2140 DATA I don't have one!
2150 DATA What a ludicrous idea!
2160 DATA Don't be silly!
2170 DATA That's better!
2180 DATA Nothing happens
2190 DATA With my bare hands?
2200 PRINT: PRINT "Would you like to play aga
in? (Y/N)"
2210 INPUT za$: za$=LOWER$(za$):IF za$="y" TH
EN RUN :ELSE IF za$="n" THEN PRINT "Thankyou
for playing-goodbye!":END :ELSE 2210
2220 CLS: PRINT :PRINT "Please insert tape no
w":PRINT:PRINT:PRINT "Press the <SPACE BAR> w
hen ready"
2230 dd$=INKEY$:IF dd$<>" " THEN 2230
2240 PRINT: PRINT:PRINT "Ready to save data f
ile now"
2250 OPENOUT("data")
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2260 FOR x=1 TO n1%:PRINT #9,loc$(x):NEXT x
2270 FOR x=1 TO n1%: FOR y=1 TO 4: PRINT#9,m%
(x,y):NEXT y:NEXT x
2280 FOR x=1 TO a%:PRINT #9,t$(x):NEXT x
2290 FOR x=1 TO a%:PRINT #9,t%(x):NEXT x
2300 FOR x= 1 TO a%:PRINT #9,s$(x):NEXT x
2310 FOR x=1 TO g%:PRINT #9,g$(x):NEXT x
2320 PRINT #9,p%,ak%,an%,ab%,af%,ac%,ae%,ad%,
ah%,am%,ag%,as%
2330 CLOSEOUT:CLS:RETURN
2340 CLS: PRINT :PRINT "Please insert tape no
w.":PRINT:PRINT"Press <SPACE BAR> when ready.
"
2350 dd%=INKEY%:IF dd%<>" " THEN 2350
2360 PRINT:PRINT "Ready to load data file now
"
2370 OPENIN("data")
2380 FOR x=1 TO n1%:INPUT #9,loc$(x):NEXT x
2390 FOR x= 1 TO n1%:FOR y= 1 TO 4:INPUT #9,m
%(x,y):NEXT y:NEXT x
2400 FOR x=1 TO a%: INPUT #9,t$(x):NEXT x
2410 FOR x= 1 TO a%: INPUT #9,t%(x): NEXT x
2420 FOR x= 1 TO a%:INPUT #9,s$(x):NEXT x
2430 FOR x= 1 TO g%: INPUT #9,g$(x):NEXT x
2440 INPUT #9,p%,ak%,an%,ab%,af%,ac%,ae%,ad%,
ah%,am%,ag%,as%
2450 CLOSEIN: CLS:PRINT "I'm " + loc$(p%):GOSU
B 620: RETURN

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