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10 ' *****
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20 ' ***** Programs from AMSTRAD C
   ' PC464 User Magazine *****
30 ' ***** ELECTRIC ED
   ' DY *****
40 ' *****
   ' *****
50 MODE 2
60 MODE 0: DIM fail$(26), Gword$(26), word$(
   ' (15), guess$(15), d$(15), mem$(260), v$(4)
   ' : INK 0,0: BORDER 13: v=1: INK 1,13: INK 2
   ' ,16: INK 3,0: INK 4,1: INK 5,15: INK 6,3:
   ' INK 7,1: INK 8,12: PEN #1,6: PEN #2,7: PE
   ' N #3,8
70 FOR z=1 TO 20
80 PLOT 0,z,1: DRAW z,0: PLOT 0,400-z: DRAW
   ' z,400: PLOT 640-z,0: DRAW 640,z: PLOT 6
   ' 40-z,400: DRAW 640,400-z
90 NEXT z: WINDOW #4,1,14,3,23: WINDOW #5,
   ' 1,20,4,24
100 PRINT #1: PRINT #1, " INSTRUCTIONS"
   ' : LOCATE 1,5: PRINT " AFTER COMPLETIN
   ' G ": PRINT "THE INSTRUCTIONS THE ": P
   ' RINT " MENU WILL APPEAR. ": PRINT "
   ' TO SELECT YOUR ": PRINT " OPT
   ' ION PRESS THE ": PRINT " INDICATED
   ' KEY ": LOCATE #2,1,17
110 PRINT #2, " THE NUMBER BEFORE! ": PRI
   ' NT #2, " THE OPTION": LOCATE 1,22:
   ' PRINT " PRESS SPACE BAR ": PRINT "
   ' TO CONTINUE"
120 IF INKEY$ <> " " THEN 120
130 CLS #5: LOCATE 1,5: PRINT " IF YOU CH
   ' OOSE AN ": PRINT " OPTION BETWEEN 1-
   ' 4 ": PRINT "YOU WILL GO STRAIGHT ": P
   ' RINT " TO": LOCATE #2,8,11: PRINT #2

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   ' ,"TIME LIMIT": PRINT: PRINT " YOU NOW
   ' HAVE TO ": PRINT " PRESS Y OR N W
   ' HIGH ": PRINT "STAND FOR YES OR NO
140 LOCATE 1,22: PRINT " PRESS SPACE BA
   ' R ": PRINT " TO CONTINUE"
150 IF INKEY$ <> " " THEN 150
160 CLS #5: LOCATE 1,5: PRINT " IF YOU PRE
   ' SS Y YOU ": PRINT " WILL BE ASKED
   ' ": LOCATE #2,7,9: PRINT #2, "HOW LONG":
   ' LOCATE 1,11: PRINT " YOU TYPE IN YOU
   ' R ": PRINT " REPLY IN SECONDS. ": PR
   ' INT " THEN THE GAME WILL ": PRINT "
   ' START."
170 LOCATE 1,22: PRINT " PRESS SPACE BA
   ' R ": PRINT " TO CONTINUE"
180 IF INKEY$ <> " " THEN 180
190 CLS #5: LOCATE 1,5: PRINT "HOWEVER IF
   ' YOU CHOSE": PRINT " OPTIONS 5 OR 6
   ' ": PRINT " BEFORE YOU GO TO ": LOC
   ' ATE #2,5,11: PRINT #2, "TIME LIMIT": LO
   ' CATE 1,13: PRINT " YOU HAVE OPTION
   ' ": PRINT " INSTRUCTIONS ": PRIN
   ' T " YOU WILL FIND OUT "
200 PRINT "ABOUT THESE WHEN YOU": PRINT "
   ' SELECT THEM ": LOCATE #1,1,24
   ' : PRINT #1, "PRESS SPACE TO START"
210 IF INKEY$ <> " " THEN 210 ELSE CLS #5:
   ' LOCATE 1,2: PRINT " ":
   ' GOSUB 1110
220 LOCATE #2,4,2: PRINT #2, "ELECTRIC ED
   ' DY"
230 FOR z=1 TO 240: READ d$: mem$(z)=d$: NE
   ' XT z
240 INK 2,16: INK 4,1: INK 5,15: INK 6,3: GO
   ' TO 310
250 INK 2,16: INK 4,1: INK 5,15: INK 6,3: go
   ' =0: c=0
260 CLS #4
270 LOCATE 5,10: PRINT "SAME AS": PRINT: P
   ' RINT " BEFORE": in$=INKEY$
280 IF in$="n" OR in$="N" THEN q=0: CLS #
   ' 4: GOTO 310
290 IF in$="y" OR in$="Y" THEN q=1: GOTO
   ' 330
300 GOTO 270
310 LOCATE 1,7: PRINT " 1 LIST A": PRINT: P
   ' RINT " 2 LIST B": PRINT: PRINT " 3 LIS
   ' T C": PRINT: PRINT " 4 LIST D": PRINT: P
   ' RINT " 5 OWN LIST": PRINT: PRINT " 6 C
   ' HALLENGE"
320 v$=INKEY$: IF v$="" THEN 320
330 IF v$ <> "" THEN CLS #4
340 FOR z=1 TO 170
350 IF z<27 THEN fail$(z)=""
360 IF z<27 THEN Gword$(z)=""

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370 PLOT 615-z,16,3:DRAW 615-z,28:NEXT z
380 LOCATE 2,10:PRINT "          ":I
    F v$="5" AND q=1 OR v$="5" AND gues$
    ="new word" THEN 530
390 IF v$="1" THEN 470
400 IF v$="2" THEN 480
410 IF v$="3" THEN 490
420 IF v$="4" THEN 500
430 IF v$="5" THEN 510
440 IF v$="6" THEN 570
450 GOTO 310
460 FOR p=1 TO 1500:NEXT p:GOTO 310
470 r=RND*60:word$=mem$(r+1):GOTO 600
480 r=RND*60:word$=mem$(r+60):GOTO 600
490 r=RND*60:word$=mem$(r+120):GOTO 600
500 r=RND*60:word$=mem$(r+180):GOTO 600
510 LOCATE 2,4:PRINT "number of":PRINT "
    words":LOCATE 2,7:INPUT l:CLS #4
520 FOR z=1 TO l:LOCATE 2,10:INPUT a$(z)
    :LOCATE 2,10:CLS #4:NEXT z
530 r=INT(RND*L)
540 IF r=0 THEN 530
550 word$=a$(r)
560 IF word$="" THEN 530 ELSE 600
570 LOCATE 2,6:PRINT "ENTER WORD":LOCATE
    2,8:INPUT word$:word$=LOWERS$(word$)
580 IF word$="" THEN LOCATE 2,8:PRINT "
    ":GOTO 570
590 LOCATE 2,6:PRINT "          ":PRINT:
    PRINT "          "
600 LOCATE 3,10:PRINT "TIME LIMIT":in$=I
    NKEY$
610 IF in$="n" OR in$="N" THEN 640
620 IF in$="y" OR in$="Y" THEN 630 ELSE
    600
630 LOCATE 2,12:PRINT "          ":LOCAT
    E 3,10:PRINT "          ":LOCATE 4,1
    0:PRINT "HOW LONG":LOCATE 2,12:INPUT
    t:IF t>600 THEN 630 ELSE LOCATE 2,1
    2:PRINT "          ":t=t*50:AFTER t,1 G
    OSUB 1710
640 LOCATE 3,10:PRINT "          "
650 length=LEN(word$):go=0:c=0
660 FOR a=1 TO length:LOCATE 1+a,6:PRINT
    "-":NEXT a
670 LOCATE 2,18:PRINT "GUESS NOW":LOCATE
    2,20
680 INPUT gues$:g=1
690 gues$=LOWERS$(gues$)
700 LOCATE 2,18:PRINT "          ":PRINT:
    PRINT "          "
710 IF gues$="" THEN 670
720 IF gues$=word$ THEN 1010
730 IF LEN(gues$)=1 THEN 750
740 SOUND 1,300,30,5,10:LOCATE #1,4,18:P
    RINT #1,"WRONG":FOR p=0 TO 500:NEXT
    p:g=1:GOTO 830
750 FOR d=1 TO 26:IF gues$=fail$(d) THEN
    800 ELSE NEXT d

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760 FOR d=1 TO length
770 a$=MID$(word$,d,1)
780 IF gues$=a$ THEN 930
790 NEXT d:GOTO 830
800 SOUND 1,300,30,5,10,15:LOCATE 2,18:P
    RINT "YOU GUESSED":PRINT "    THAT ONC
    E"
810 FOR p=0 TO 500:NEXT p
820 LOCATE 2,18:PRINT "          ":PRIN
    T "          ":GOTO 670
830 c=c+1
840 IF g=1 THEN go=go+1:ON go GOSUB 1680
    ,1680,1680,1680,1680,1680,1680,1680,
    1680,1710
850 IF LEN(gues$)>1 THEN 670
860 fail$(c)=gues$
870 LOCATE 2,11
880 FOR d=1 TO c
890 IF d=10 THEN LOCATE 2,13
900 IF d=18 THEN LOCATE 2,15
910 PRINT fail$(d);
920 NEXT d:GOTO 670
930 g=0:LOCATE d+1,6:PRINT a$:SOUND 1,20
    0,20,5
940 Gword$(d)=a$
950 FOR b=1 TO length
960 IF Gword$(b)=MID$(word$,b,1) THEN NE
    XT b ELSE GOTO 790
970 AFTER 1,1 GOSUB 980
980 ENT 1,2,1,3,4,-1,4,4,1,5,1,-1,6,2,1,
    7:ENV 1,3,60,1,1,0,10,120,-1,8:SOUND
    1,0,10:SOUND 1,200,25,6,1,1:SOUND 1
    ,180,25,6,1,1:SOUND 1,160,25,6,1,1:S
    OUND 1,148,50,6,1,1:SOUND 1,200,55,6
    ,1,1:SOUND 1,148,25,6,1,1:SOUND 1,16
    0,25,6,1,1:SOUND 1,148,25,6,1,1
990 LOCATE #3,1,22:PRINT #3,"CONGRATULAT
    IONS":SOUND 1,135,50,6,1,1:SOUND 1,1
    80,55,6,1,1:SOUND 1,180,25,6,1,1:SOU
    ND 1,160,25,6,1,1:SOUND 1,148,25,6,1
    ,1:SOUND 1,120,30,6,1,1:SOUND 1,135,
    15,6,1,1:SOUND 1,135,25,6,1,1:SOUND
    1,148,25,6,1,1
1000 PRINT "          ":SOUND 1,1
    48,25,6,1,1:SOUND 1,160,25,6,1,1:SO
    UND 1,180,25,6,1,1:SOUND 1,160,25,6
    ,1,1:SOUND 1,148,60,6,1,1:LOCATE 1,
    22:PRINT "          ":GOTO 250
1010 AFTER 1,1 GOSUB 1020
1020 INK 1,13:INK 2,16:INK 3,0:INK 4,1:I
    NK 5,15:INK 6,3:go=0:c=0:LOCATE 2,6
    :PRINT word$
1030 r=INT(RND*3)
1040 IF r=1 THEN LOCATE #3,2,18:PRINT #3
    ,"PRETTY GOOD":GOTO 1070
1050 IF r=2 THEN LOCATE #3,4,18:PRINT #3
    ,"NOT BAD":GOTO 1070
1060 LOCATE #3,2,18:PRINT #3,"OK SHOW OF
    F"

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1070 ENV 1,3,40,2,1,0,10,120,-1,6:ENV 2,
3,40,1,1,0,10,120,-1,8:ENT 1,2,1,1,
4,-1,2,4,1,3,4,-1,4,4,1,5:SOUND 1,2
00,30,4,1,1:SOUND 1,200,15,4,1,1:SO
UND 1,200,30,4,1,1:SOUND 1,200,30,4
,1,1:SOUND 240,30,4,1,1:SOUND 1,200
,35,4,1,1:SOUND 1,150,30,5,1,1
1080 SOUND 1,150,15,5,1,1:SOUND 1,150,30
,5,1,1:SOUND 1,150,30,5,1,1:SOUND 1
,200,30,5,1,1:SOUND 1,150,35,5,1,1:
SOUND 1,120,30,6,1,1:SOUND 1,120,15
,6,1,1:SOUND 1,120,30,6,1,1:SOUND 1
,120,30,6,1,1:SOUND 1,150,30,6,1,1:
SOUND 1,120,35,6,1,1
1090 SOUND 1,100,120,6,2,1
1100 LOCATE 2,18:PRINT " ":G
OTO 250
1110 FOR z=0 TO 10
1120 IF z<8 THEN PLOT 597-z,40,1:DRAW 59
7-z,290
1130 IF z<8 THEN PLOT 512-z,40:DRAW 512-
z,135
1140 PLOT 505,135+z:DRAW 600,135+z
1150 NEXT z
1160 FOR z=1 TO 360 STEP 4
1170 DEG
1180 ORIGIN 560,320
1190 DRAW 22*COS(z),30*SIN(z),2
1200 IF z<150 THEN DRAW 20*COS(z),10*SIN
(z),5
1210 NEXT z
1220 ORIGIN 0,0:PLOT 538,325,2:DRAW 534,
315:PLOT 538,315:DRAW 538,320:PLOT
545,320,3
1230 FOR z=0 TO 270 STEP 3
1240 ORIGIN 560,270
1250 IF z<180 THEN DRAW 20*COS(z),20*SIN
(z),4
1260 ORIGIN 573,156
1270 IF z>180 THEN DRAW 10*COS(z+90),10
*SIN(z+90)
1280 ORIGIN 0,0
1290 IF z<10 THEN PLOT 581-z,270:DRAW 58
1-z,156
1300 IF z>20 AND z<50 THEN PLOT 520+z,27
0:DRAW 520+z,146
1310 ORIGIN 536,236
1320 IF z>100 AND z<260 THEN DRAW 5*COS(
z),30*SIN(z)
1330 NEXT z
1340 FOR z=0 TO 270 STEP 3
1350 ORIGIN 560,275
1360 IF z<180 THEN PLOT 11*COS(z),11*SIN
(z),3
1370 ORIGIN 560,220
1380 IF z>180 THEN PLOT 11*COS(z+90),11*
SIN(z+90)
1390 NEXT z
1400 ORIGIN 0,0:PLOT 572,275:DRAW 572,22

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0:PLOT 550,275:DRAW 550,224:PLOT 53
2,230:DRAW 553,230:PLOT 557,210:DRA
W 536,210
1410 FOR z=0 TO 18
1420 PLOT 537,211+z:DRAW 520,211+z,4
1430 IF z>8 THEN PLOT 490,190+z,1:DRAW 6
00,190+z
1440 IF z>12 THEN PLOT 500+z,210:DRAW 50
0+z,230
1450 NEXT z
1460 PLOT 508,211,2:DRAW 508,229:DRAW 49
8,229:PLOT 507,227:DRAW 498,227
1470 FOR z=90 TO 180
1480 ORIGIN 0,0
1490 IF z<114 THEN PLOT 540,260-z:DRAW 5
04,260-z,4
1500 ORIGIN 500,148
1510 DRAW 22*COS(z),22*SIN(z),4
1520 NEXT z
1530 ORIGIN 0,0:PLOT 540,180:DRAW 580,18
0,3
1540 FOR z=1 TO 60
1550 PLOT 480,148-z:DRAW 500,148-z,4
1560 NEXT z
1570 PLOT 500,144,3:PLOT 497,144:PLOT 50
4,146:PLOT 504,148
1580 FOR z=1 TO 10
1590 PLOT 490,88-z,1:DRAW 500,88-z
1600 NEXT z
1610 PLOT 500,77,2:DRAW 480,77:PLOT 470,
74:DRAW 500,74:PLOT 500,73:DRAW 460
,73
1620 PLOT 440,18:DRAW 440,30,1:DRAW 619
,30:DRAW 619,18
1630 FOR z=1 TO 180 STEP 3
1640 ORIGIN 560,335
1650 DRAW 21*COS(z),17*SIN(z),1
1660 NEXT z
1670 ORIGIN 0,0:PLOT 575,335:DRAW 598,33
5:DRAW 598,290:RETURN
1680 SOUND 1,1500,30,7:FOR z=1 TO 19
1690 PLOT go*19+425+z,28,6:DRAW go*19+42
5+z,18
1700 NEXT z:RETURN
1710 AFTER 1,1 GOSUB 1720
1720 FOR z=445 TO 615:PLOT z,18,6:DRAW z
,28:NEXT z
1730 INK 2,16,13:INK 4,26,1:SPEED INK 3,
2
1740 ENV 1,2,60,1,1,0,10,120,-1,6:ENV 2,
2,60,1,1,0,60,120,-1,6:ENT 1,6,1,2,
12,-1,2,12,1,2,6,-1,2:SOUND 1,1000,
80,6,1,1:SOUND 1,1000,70,6,1,1:SOUN
D 1,1000,25,6,1,1:SOUND 1,1000,70,6
,1,1:SOUND 1,900,70,6,1,1:SOUND 1,9
50,30,6,1,1:SOUND 1,950,50,6,1,1
1750 SOUND 1,1000,30,6,1,1:SOUND 1,1000,
50,6,1,1:SOUND 1,1050,30,6,1,1:SOUN
D 1,1000,140,6,2,1:SOUND 1,900,80,6

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,1,1:SOUND 1,900,70,6,1,1:SOUND 1,900,25,6,1,1:SOUND 1,900,70,6,1,1:SOUND 1,700,70,6,1,1:SOUND 1,800,30,6,1,1:SOUND 1,800,50,6,1,1  
 1760 INK 2,0:INK 4,0:INK 5,0:LOCATE #1,2,6:PRINT #1,word\$  
 1770 SOUND 1,900,30,6,1,1:SOUND 1,900,50,6,1,1:SOUND 1,950,30,6,1,1:SOUND 1,900,140,6,2,1:SOUND 1,530,50,6,1,1:SOUND 1,600,30,6,1,1:SOUND 1,680,50,6,1,1:SOUND 1,700,30,6,1,1:SOUND 1,700,70,6,1,1:SOUND 1,900,70,6,1,1:SOUND 1,530,50,6,1,1  
 1780 LOCATE 2,18:PRINT " ":LOCATE 2,20:PRINT " ":LOCATE #1,2,18:PRINT #1,"YOU LOST":PRINT "  
 1790 SOUND 1,600,30,6,1,1:SOUND 1,680,50,6,1,1:SOUND 1,700,30,6,1,1:SOUND 1,700,70,6,1,1:SOUND 1,900,70,6,1,1:SOUND 1,1000,80,6,1,1:SOUND 1,1000,70,6,1,1:SOUND 1,1000,25,6,1,1:SOUND 1,1000,70,6,1,1:SOUND 1,900,70,6,1,1:SOUND 1,950,30,6,1,1  
 1800 SOUND 1,950,50,6,1,1:SOUND 1,1000,30,6,1,1:SOUND 1,1000,50,6,1,1:SOUND 1,1050,30,6,1,1:SOUND 1,1000,140,6,2,1:LOCATE 2,18:PRINT " ":GOTO 250  
 1810 DATA apple,arch,baby,balloon,carry,chopper,darling,dazzle,earth,employ,father,feast,gangster,glimmer,happy,hectic,ideal,important,jacket,jungle,keeper,kettle,large,leader,machine,market,nail,nerve,orange,observe,paper,pardon,quack,quiet,race,rapid  
 1820 DATA sacred,scamper,tablet,teacher,ugly,understand,vacant,verse,wade,wall,yell,yard,zip,zero,aim,area,beach,behave,catch,cattle,desert,detail,elderly,employ,arrival,apology,backwards,bankrupt,calendar,challenge,dangerous,dedication,effortless,elastic  
 1830 DATA familiar,fathom,gaiety,garrulous,habitat,harbour,idiot,impudent,jettison,juvenile,knight,keepsake,label,laughable,magician,management,noughty,neighbour,obey,obnoxious,painful,parchment,qualify,quarrel,radiant,ration,salary,savior,tactful  
 1840 DATA telepathy,umpire,uproad,vacation,vegetable,walk,wander,year,yesterday,zest,zone,alibi,arena,business,bursar,cause,cleansing,oleph,desolation,electrify,embroider,autumn,archaic,bamboozle,blasphemy,campaign,chaperon,dastardly,debonair,ecstatic

1850 DATA endeavour,facetious,fatuous,galanize,gauge,hallucination,height,ignite,impromptu,jewellery,juncture,kitchen,kerchief,lacerate,language,maintenance,malnutrition,negotiate,nonchalant,oblivion,obsession,pacify,pariah,quarter,quirk,raconteur  
 1860 DATA rapacious,sabotage,scrupulous,talkative,technique,unbiased,undistinguished,velocity,vault,warranty,warrantor,yield,yearning,zealots,zenith,agriculture,avenue,buoyant,burlesque,catastrophe,characteristic,descendant,dexterity,eligible,embarrassing  
 1870 DATA austere,annul,banal,bazaar,camouflage,chauvinism,daub,deceit,effigy,encyclopaedia,feasible,feign,ghastly,gnarled,hirsute,hysteria,illegible,inertia,jeopardy,jaundiced,knick-knack,kudos,laconic,lascivious,magenta,marauder,nebulous,nymph,oblique  
 1880 DATA opulence,pamphlet,paraphernalia,queasy,quixotic,raucous,rhythm,scintillating,sepulchre,tangible,tawdry,unique,utopia,vague,vehicle,weigh,whimsical,yokel,yowl,zephyr,zealot,aisle,avalanche,beleaguer,bureau,cemetery,coherent,diabolical,dialogue