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10 REM *****
20 REM *      SUPA DE LETRAS      *
30 REM *****
40 REM *      Antonio Fernando    *
50 REM *      Aguilera Romera    *
60 REM *      GRANADA            *
70 REM *****
80 GOSUB 250: ' titulo
90 GOSUB 740: ' inicializacion
100 na=0:nf=0:nop=0
110 WHILE nop<njp
120 nop=nop+1
130 GOSUB 1070: ' esconde palabra
140 GOSUB 1220: ' pantalla
150 GOSUB 1400: ' respuesta
160 GOSUB 1690: ' comprueba respuest
a
170 WEND
180 GOSUB 1770: ' porcentajes
190 np$="" : WHILE np$(<)"S" AND np$(<
"N": np$=UPPER$(INKEY$): WEND
200 MODE 1: INK 0,13: INK 1,0: INK 2,2
: INK 3,24: BORDER 13
210 IF np$="S" THEN 100 ELSE CLEAR:
END
220 REM *****
230 REM *      TITULO      *
240 REM *****
250 MODE 1
260 INK 0,13: INK 1,0: INK 2,13: INK 3
,24: BORDER 13
270 PAPER 0: PEN 1: CLS: CLG 0
280 WINDOW 2,39,2,24
290 PAPER 0: CLS
300 PEN 2
310 LOCATE 1,23: PRINT "SUPA DE LETR
AS"
320 LOCATE 1,1
330 FOR x=16 TO 16*15 STEP 2: FOR y=
16 TO 32 STEP 2
340 IF TEST(x,y)=2 THEN PLOT x+195,
(y+150)*2,3: DRAW 0,2: PLOT 4,4,1: D
RAW 0,-2
350 NEXT: NEXT
360 LOCATE 1,23: PRINT STRING$(14,32
)
370 INK 2,3
380 WINDOW 1,40,1,25
390 x=1:y=1: ancho=38: alto=24
400 PEN 2: LOCATE x,y: PRINT CHR$(213
): STRING$(ancho,143): CHR$(212)
410 PEN 3: PAPER 2: LOCATE x,y: PRINT
CHR$(223): LOCATE x+ancho+1,y: PRINT
CHR$(222)
420 PAPER 3: PEN 2
430 FOR n=1 TO alto-1
440 LOCATE x,y+n: PRINT CHR$(207): LU
CATE x+ancho+1,y+n: PRINT CHR$(207)
450 NEXT
460 PEN 3: LOCATE x,y+alto: PRINT CHR
$(214): STRING$(ancho,143): CHR$(215)
;
470 PEN 2: PAPER 3: LOCATE x,y+alto: P
RINT CHR$(220): LOCATE x+ancho+1,y+a
lto: PRINT CHR$(221);
480 WINDOW 2,39,2,24
490 PLOT x*16-16,400-y*16+14,1: DRAW
R (ancho+2)*16-2,0
500 DRAW 0,-16*(alto+1)+2: DRAW - (
ancho+2)*16+2,0
510 DRAW 0,16*(alto+1)-2: DRAW 14,
-14
520 DRAW ancho*16+2,0: DRAW 0,-16*
(alto-1)-2
530 DRAW -ancho*16-2,0: DRAW 0,16*
(alto-1)+2
540 PLOT ancho*16+2,0: DRAW 14,14
550 PLOT -14,-(16*alto+2): DRAW 14
,-14
560 PLOT -(ancho+1)*16-2,14: DRAW
-14,-14
570 ORIGIN 112,112,112,520,112,286:
CLG 2
580 FOR i=0 TO 416 STEP 20: PLOT 416
-i,0: DRAW 0,i/2.36: PLOT i,0: DRAW 41
6,i/2.36: PLOT 416-i,176: DRAW 0,176-
i/2.36: PLOT 416-i,176: DRAW 416,i/2.
36: NEXT
590 PAPER 0: PEN 3: LOCATE 1,20: PRINT
STRING$(38,154): LOCATE 1,22: PRINT
STRING$(38,154);
600 PEN 1: LOCATE 2,21: PRINT USING "
&": CHR$(174); "Numero de palabras po
r partida? ";
610 njp$=""
620 a$="" : WHILE a$(<)CHR$(13) AND LE
N(njp$)<4
630 a$=INKEY$: IF a$="" THEN 630
640 IF (ASC(a$)>47 AND ASC(a$)<58)
THEN PRINT a$: njp$=njp$+a$
650 IF ASC(a$)=127 AND LEN(njp$) TH
EN njp$=RIGHT$(njp$,LEN(njp$)-1): PR
INT CHR$(8): CHR$(16);
660 WEND
670 njp=VAL(njp$)
680 IF njp<1 OR njp>12 THEN LOCATE
1,21: PRINT STRING$(38,32): PEN 1: LU
CATE 1,20: PRINT STRING$(38,154): LOC
ATE 1,22: PRINT STRING$(38,154): PEN
3: LOCATE 14,21: PRINT "ENTRE 1 Y 12"
: FOR r=1 TO 1500: NEXT: LOCATE 1,21: P
RINT STRING$(38,32): GOTO 590
690 LOCATE 1,21: PRINT STRING$(38,32
): PEN 1: LOCATE 1,20: PRINT STRING$(3
8,154): LOCATE 1,22: PRINT STRING$(38
,154): PEN 3: LOCATE 10,21: PRINT "NUM
ERO DE PALABRAS: "; MID$(STR$(njp),2)
700 RETURN
710 REM *****
720 REM *      INICIALIZACION    *
730 REM *****
740 RANDOMIZE TIME
750 DIM p$(114)
760 FOR i=1 TO 114
770 READ p$(i)
780 NEXT
790 x(1)=8:y(1)=13:x(2)=8:y(2)=17:x
(3)=6:y(3)=15:x(4)=10:y(4)=15

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800 DIM mp$(15,12)
810 SYMBOL AFTER 245
820 SYMBOL 246,255,254,252,248,240,
224,192,128
830 SYMBOL 247,255,255,0,0,0,0,0,0
840 SYMBOL 248,128,192,224,240,248,
252,254,255
850 SYMBOL 249,0,0,0,0,0,0,255,255
860 SYMBOL 250,255,255,0,0,0,0,0,0
870 SYMBOL 251,255,127,63,31,15,7,3
,1
880 SYMBOL 252,0,0,0,0,0,0,255,255
890 SYMBOL 253,1,3,7,15,31,63,127,2
55
900 SYMBOL 254,192,192,192,192,192,
192,192,192
910 SYMBOL 255,3,3,3,3,3,3,3,3
920 cu$=CHR$(10)+STRING$(2,8)
930 f1$(1)=CHR$(253)+CHR$(248)+cu$+
CHR$(255)+CHR$(254)
940 f1$(2)=CHR$(255)+CHR$(254)+cu$+
CHR$(251)+CHR$(246)
950 f1$(3)=CHR$(253)+CHR$(249)+cu$+
CHR$(251)+CHR$(250)
960 f1$(4)=CHR$(249)+CHR$(248)+cu$+
CHR$(250)+CHR$(246)
970 RETURN
980 DATA DIMENSION,MUNIFOR,TECLADO,
AMSTRAD,PROGRAMA,GRAFICUS,SUNIDU,PE
RIFERICO,IMPRESORA,URDENADOR,INTERF
ACE,DISCO,SALIDA,CURSOR,JOYSTICK,CU
NECTOR,CASSETTE,CINTA,CADENA,PROCES
ADOR
990 DATA COLOR,NUMERO,LETRA,NUMERIC
O,FINA,BURDE,FOSFORO,ACCESO,ARCHIV
O,DATOS,LECTURA,SISTEMA,CHIP,SILICI
O,DISKETTE,SIMULADOR,CENTRONICS,PAN
TALLA,MATRIZ,ESCRITURA,GRABACION,IN
FORMATICA,MEMORIA,BASIC,LOGO
1000 DATA PASCAL,FORTH,ENSAMBLADOR,
LENGUAJE,CALCULO,GESTION,APLICACION
,SOFTWARE,HARDWARE,CARACTER,BINARIO
,DECIMAL,HEXADECIMAL,PROGRAMADOR,AN
ALISTA,BUCLE,CONDICION,ERROR,MENSAJ
E,ORGANIGRAMA,ENVOLVENTE
1010 DATA ORDINGRAMA,Puerta,AUDIO,
VIDEO,CANAL,VENTANA,OPERADOR,PERSON
AL,LINEA,COMANDO,FUNCION,VIDEOJUEGO
,AVENTURA,RESOLUCION
1020 DATA SUPORTE,EDITOR,TARJETA,AL
MENTADOR,AMPLIACION,BUS,EXPANSION,
COMPATIBLE,SUBROUTINA,APRENDIZAJE,AC
UPLADOR,UNIDAD,LOGICA,GENERADOR,DIG
ITAL,ANALOGICO,CODIGO,RUTINA,ACUMUL
ADOR
1030 DATA ALEATORIO,SECUENCIAL,OPER
ATIVO,FRACCION,FRICCION,INDEXADOS,I
NTERCAMBIO,USUARIO,CONEXION,TRATAMI
ENTO,TEXTOS,RESULTADO,ALMACEN,CONTR
OL,BLOQUE
1040 REM *****
1050 REM * ESCONDE PALABRA *
1060 REM *****
1070 p$=p$(INT(RND*114+1))
1080 FOR i=1 TO 15:FOR j=1 TO 12
1090 mp$(i,j)=" "
1100 NEXT:NEXT
1110 f=0:c=0:dir=0
1120 l=LEN(p$)
1130 cf=INT(RND*4+1)
1140 UN cf GOSUB 2290,2190,2090,199
0
1150 FOR i=1 TO 15:FOR j=1 TO 12
1160 IF mp$(i,j)=" " THEN mp$(i,j)=C
HR$(INT(RND*26+65))
1170 NEXT:NEXT
1180 RETURN
1190 REM *****
***
1200 REM * PREPARA PANTALLA DE JUEG
O *
1210 REM *****
***
1220 CLG 0:MODE 1:INK 2,2
1230 WINDOW #0,1,40,1,25:PAPER #0,0
:CLS:PEN #0,1:WINDOW #1,25,40,1,25:
PAPER #1,2:CLS #1:PEN #1,3
1240 WINDOW #5,1,24,20,25:PAPER #6,
2:PEN #6,3:CLS #6
1250 LOCATE #1,FIX(9-LEN(p$)/2),2:P
RINT #1,p$
1260 INK 1,13
1270 FOR j=1 TO 12:FOR i=1 TO 15:TA
G:PLUT i*20,399-j*20,1:PRINT mp$(i,
j):NEXT:TAGOFF:PRINT:NEXT
1280 var=0:FOR i=1 TO 15:TAG:PLUT i
*20,399,3:PRINT CHR$(65+var):var=v
ar+1:NEXT:TAGOFF
1290 num=1:FOR j=1 TO 12:TAG:PLUT 3
20,399-j*20,3
1300 IF num<10 THEN num$=" 0"+RIGHT
$(STR$(num),1):PRINT num$: ELSE PRI
NT num$
1310 num=num+1:NEXT:TAGOFF
1320 LOCATE 12,18
1330 INK 1,0
1340 WINDOW #3,28,39,22,24:PAPER #3
,1:CLS #3:WINDOW #2,27,38,23,21:PAP
ER #2,3:CLS #2:PEN #2,1:WINDOW #4,2
5,40,4,6:PAPER #4,1:CLS #4:PEN #4,3
:WINDOW #5,25,40,8,10:PAPER #5,1:CL
S #5:PEN #5,3
1350 PEN #1,1:FOR i=1 TO 4:LOCATE #
1,x(i),y(i):PRINT #1,f1$(i):NEXT
1360 RETURN
1370 REM *****
*
1380 REM * RESPUESTA DEL JUGADOR
*
1390 REM *****
*
1400 LOCATE #6,3,2:PRINT #6,"Numero
de palabras";njp
1410 LOCATE #6,3,4:PRINT #6,"Palabr
a numero";nop
1420 LOCATE #4,1,2:PRINT #4,"COLUMN
A (A-U) ";
1430 LOCATE #5,1,2:PRINT #5,"FILA (
01-15) ";
1440 PLOT 0,0,1:DRAWR 638,0:DRAWR 0
,398:DRAWR -256,0:DRAWR 0,-304:DRAW
R -382,0:DRAWR 0,-96:"PLOT 382,96:
DRAWR 256,0
1450 bft=0
1460 tb=TIME
1470 GOSUB 1890
1480 EVERY 50,3 GOSUB 1890
1490 AFTER 1000,2 GOSUB 1950
1500 f=0:WHILE (f<1 OR f>15) AND bf
t=0
1510 f$=UPPER$(INKEY$)

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1520 f=ASC(f$+CHR$(0))-64
1530 WEND
1540 PRINT #4,f$
1550 c=0:WHILE (c<1 OR c>12) AND bf
t=0
1560 c1$="":WHILE (c1$<"0" OR c1$>
"1") AND bft=0:c1$=UPPER$(INKEY$):WE
ND
1570 c2$="":WHILE (c2$<"0" OR c2$>
"9") AND bft=0:c2$=UPPER$(INKEY$):WE
ND
1580 c=VAL(c1$)*10+VAL(c2$)
1590 WEND
1600 IF c<10 THEN c$="0"+RIGHT$(STR
$(c),1) ELSE c$=RIGHT$(STR$(c),2)
1610 IF c>0 THEN PRINT #5,c$;
1620 c3$="":WHILE (c3$<CHR$(240) OR
c3$>CHR$(243)) AND bft=0:c3$=UPPER
$(INKEY$):WEND
1630 IF c3$<>" " AND bft=0 THEN dir=
ASC(c3$)-239:PEN #1,3:LOCATE #1,x(d
ir),y(dir):PRINT #1,f$(dir)
1640 cr1=REMAIN(3):cr2=REMAIN(2)
1650 RETURN
1660 REM *****
**
1670 REM *  CUMPRUEBA LA RESPUESTA
*
1680 REM *****
**
1690 IF f=x AND c=y AND dir=cf THEN
FOR i=400 TO 200 STEP -1: SOUND 1,i
,1:NEXT i:PRINT:PRINT TAB(8)CHR$(175)
"CORRECTO!":na=na+1:GOTO 1720
1700 IF bft=1 THEN PRINT:PRINT TAB(
5)"ESTABA EN ";CHR$(64+x);"-";RIGH
$(STR$(y),LEN(STR$(y))-1);" ";CHR$(
239+cf) ELSE FOR i=200 TO 400: SOUND
1,i,1:NEXT i:PRINT:PRINT TAB(3)"ERRO
R:ESTA EN ";CHR$(64+x);"-";RIGHT$(ST
R$(y),LEN(STR$(y))-1);" ";CHR$(239+
cf)
1710 nf=nf+1
1720 FOR wx=x TO nx STEP SGN(slx):F
OR wy=y TO ny STEP SGN(sly):TAG:PLO
T wx*20,399-wy*20,3:PRINT mp$(wx,wy
):;FOR rr=1 TO 200:NEXT:NEXT:NEXT:;
AGOFF
1730 RETURN
1740 REM *****
1750 REM *  PORCENTAJES *
1760 REM *****
1770 FOR ret=1 TO 2000:NEXT
1780 MODE 1:INK 0,13:BURDER 13:INK
1,0:INK 2,24:INK 3,22:PLUT 0,0,1:DR
AWR 638,0:DRAWR 0,398:DRAWR -638,0:
DRAWR 0,-398
1790 IF na=0 THEN LOCATE 5,7:PRINT
"NO HA ENCONTRADO NINGUNA PALABRA"
ELSE LOCATE 9,7:PRINT "HA ENCONTRAD

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0";na;"PALABRA";IF na>1 THEN PRINT
"S"
1800 IF nf=0 THEN LOCATE 5,9:PRINT
"NO HA FALLADO EN NINGUNA PALABRA"
ELSE LOCATE 9,9:PRINT "HA FALLADO E
N";nf;"PALABRA";IF nf>1 THEN PRINT
"S"
1810 LOCATE 7,13:PRINT "PORCENTAJE
DE ACIERTOS:";ROUND(na*100/nj):;PR
INT "%"
1820 LOCATE 7,15:PRINT "PORCENTAJE
DE ERRORES :";ROUND(nf*100/nj):;PR
INT "%"
1830 WINDOW #7,10,31,21,23:PAPER #7
,1:PEN #7,2:CLS #7:LOCATE #7,2,2:PR
INT #7,CHR$(174);"JUEGA UNA PARTID
A?"
1840 PLOT 9*16,32,3:DRAWR 22*16,0:O
RAWR 0,48:DRAWR -22*16,0:DRAWR 0,-4
8
1850 RETURN
1860 REM *****
1870 REM *  CRONOMETRO *
1880 REM *****
1890 ti=TIME:ti$=RIGHT$(STR$(INT((t
i-tb)/300)),2):IF LEFT$(ti$,1)=""
THEN ti$="0"+RIGHT$(ti$,1)
1900 LOCATE #2,6,2:PRINT #2,ti$
1910 RETURN
1920 REM *****
1930 REM *  FIN DEL TIENPO *
1940 REM *****
1950 cr1=REMAIN(3):cr2=REMAIN(2):bf
t=1:FOR sd=1 TO 26:BURDER sd:SOUND
1,sd*10,10:FOR t=1 TO 100:NEXT:NEXT
:BURDER 13:RETURN
1960 REM *****
*****
1970 REM *  COLOCA PALABRA DE IZQUIE
RDA A DERECHA *
1980 REM *****
*****
1990 x=INT(RND*15+1):y=INT(RND*12+1
)
2000 IF x+1>15 THEN 1990
2010 FOR xx=0 TO 1-1
2020 mp$(x+xx,y)=MID$(p$,xx+1,1)
2030 NEXT
2040 slx=i-1:nx=x+slx:ny=y:sly=1
2050 RETURN
2060 REM *****
*****
2070 REM *  COLOCA PALABRA DE DERECH
A A IZQUIERDA *
2080 REM *****
*****
2090 x=INT(RND*15+1):y=INT(RND*12+1
)
2100 IF x-1<1 THEN 2090
2110 FOR xx=1-1 TO 0 STEP -1

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2120 mp$(x-xx,y)=MID$(p$,xx+1,1)
2130 NEXT
2140 slx=-1+1:nx=x+slx:ny=y:sly=1
2150 RETURN
2160 REM *****
*****
2170 REM *  COLOCA PALABRA DE ARRIBA
A ABAJO *
2180 REM *****
*****
2190 x=INT(RND*15+1):y=INT(RND*12+1
)
2200 IF y+1>12 THEN 2190
2210 FOR yy=0 TO 1-1
2220 mp$(x,y+yy)=MID$(p$,yy+1,1)
2230 NEXT
2240 sly=1-1:ny=y+sly:nx=x:six=1
2250 RETURN
2260 REM *****
*****
2270 REM *  COLOCA PALABRA DE ABAJO
A ARRIBA *
2280 REM *****
*****
2290 x=INT(RND*15+1):y=INT(RND*12+1
)
2300 IF y-1<1 THEN 2290
2310 FOR yy=1-1 TO 0 STEP -1
2320 mp$(x,y-yy)=MID$(p$,yy+1,1)
2330 NEXT
2340 sly=-1+1:ny=y+sly:nx=x:six=1
2350 RETURN

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