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10 MODE 2:RESTORE 5110:GOSUB 5110
20 INK 0,26:INK 1,0:BORDER 20
30 FOR a=1 TO 25:PRINT STRING$(80,207);:NEXT
40 DRAW 639,0,1:DRAW 639,398:DRAW 0,398:DRAW 0,0
50 DIM m$(24),off(25,24)
60 ku=0:kd=2:kf=9
70 RESTORE 5110:GOSUB 5110
80 REM *****
90 REM * EXAMPLE DATA *
100 REM * NO NEED TO *
110 REM * TO TYPE IN *
120 REM *****
130 ml=6:mt=10:am=10:wi=38:w=1:GOSUB 50420
140 LOCATE 1,16,3:PRINT 1,"PRO MENU":LOCATE 1,13,5:PRINT 1,"By Kevin Nixon":
LOCATE 1,4,9:PRINT 1,"For the Amstrad CPC464 computer."
150 off(1,2)=1:REM ** Option 2 ( complicated ) is unavailable.
160 REM ** DATA FOR EXAMPLE MENU **
170 CALL &BB18:RESTORE 180
180 DATA 1,2,Example,0,0,Creating,complicated,menus,,is,easy,with,Pro menu,*
190 GOSUB 50030:GOTO 170
50000 REM *****
50010 REM ** PRO MENU **
50020 REM *****
50030 |COPY:w=0:v=0:wi=0:n=0:opt=1
50040 READ menu,type,mh$,ml,mt:IF type<1 THEN type=1:ELSE IF type>2 THEN type=2
50050 WHILE m$(n)<>"":n=n+1:READ m$(n):WEND:am=n-1
50060 IF am<1 THEN am=1
50070 GOSUB 51080
50080 FOR n=1 TO am:IF LEN(m$(n))>wi THEN wi=LEN(m$(n))
50090 NEXT
50100 IF LEN(mh$)>wi THEN wi=LEN(mh$)
50110 IF ml=0 THEN ml=41-INT(wi/2)
50120 IF mt=0 THEN mt=13-INT(am/2)
50130 ON type GOSUB 50420,50620
50140 GOSUB 50990:REM ** PRINT OPTIONS **
50150 GOSUB 50200
50160 WINDOW 1w,1,80,1,25:RETURN
50170 REM *****
50180 REM * UP 'N' DOWN *
50190 REM *****
50200 GOSUB 50360
50210 WHILE INKEY(kf)=-1
50220 IF INKEY(ku)=0 AND v>1 THEN GOSUB 50300:GOSUB 50810:GOSUB 50360
50230 IF INKEY(kd)=0 AND v<am THEN GOSUB 50300:GOSUB 50900:GOSUB 50360
50240 WEND
50250 CALL &BFF9,&C9,&1CED,&CF00:REM ** CLEAR KEYBOARD BUFFER **
50260 |SHOW:RETURN
50270 REM *****
50280 REM * DELETE HIGHLIGHT *
50290 REM *****
50300 IF v<1 THEN v=1 ELSE IF v>am THEN v=am
50310 LOCATE 1,v:CALL &BD19:PRINT m$(v)+SPACE$((wi)-LEN(m$(v)));
50320 RETURN
50330 REM *****
50340 REM * PRINT HIGHLIGHT *
50350 REM *****
50360 IF v<1 THEN v=1 ELSE IF v>am THEN v=am
";
50380 SOUND 1,50,2:RETURN
50390 REM *****
50400 REM * ORDINARY MENU *
50410 REM *****
50420 IF mh$="" AND am>23 THEN am=23:ELSE IF am>22 THEN am=22
50430 IF wi>70 THEN wi=70
50440 IF ml<2 THEN ml=2:mr=ml+wi
50450 IF (mt<3 AND mh$<>"") THEN mt=3:mb=mt+am
50460 IF (mt<2 AND mh$="") THEN mt=2:mb=mt+am
50470 IF (mt=1 AND mh$="") THEN mt=2:mb=mt+am
50480 mr=ml+wi-1:mb=mt+am-1
50490 IF mr>79 THEN mr=79:ml=mr-wi
50500 IF mb>24 THEN mb=24:mt=mb-am+1
50510 gl=ml*8-12:gr=(mr*8)+3:gb=398-mb*16-2
50520 IF mh$<>" " THEN gt=398-mt*16+44:ELSE gt=398-mt*16+20
50530 ORIGIN 0,0,gl-4,gr+4,gt+4,gb-4:CLG
50540 MOVE gl,gt:DRAW gr,gt,1:DRAW gr,gb:DRAW gl,gb:DRAW gl,gt
50550 MOVE gl-4,gt+4:DRAW gr+4,gt+4:DRAW gr+4,gb-4:DRAW gl-4,gb-4:DRAW gl-4,gt+4
50560 IF mh$<>" " THEN TAG:MOVE gl+(gr-gl)/2-LEN(mh$)*8/2,gt-6:PRINT mh$;:TAGOFF:
MOVE gl,gt-24:DRAW gr,gt-24
50570 WINDOW 1w,ml,mr,mt,mb
50580 RETURN
50590 REM *****
50600 REM * PULL DOWN MENU *
50610 REM *****

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50620 IF mh$<>"" AND am>22 THEN am=22
50630 IF mh$="" AND am>23 THEN am=23
50640 IF m1<2 THEN m1=2:mr=m1+wi
50650 IF (mt<3 AND mh$<>"" ) THEN mt=3:mb=mt+am
50660 IF (mt<2 AND mh$="") THEN mt=2:mb=mt+am
50670 IF mh$<>"" AND LEN(mh$)>wi-1 THEN wi=wi+1
50680 mr=m1+wi-1:mb=mt+am-1
50690 IF mr>79 THEN mr=79:m1=mr-wi+1
50700 IF mb>24 THEN mb=24:mt=mb-am+1
50710 gl=m1*8-12:gr=(mr*8)+3:gb=398-mb*16-2
50720 IF mh$<>"" THEN gt=398-mt*16+28:ELSE gt=398-mt*16+20
50730 ORIGIN 0,0,gl-4,gr+4,gt+4,gb-4:CLG
50740 MOVE gl-4,gt+4:DRAW gr+4,gt+4:DRAW gr+4,gb-4:DRAW gl-4,gb-4:DRAW gl-4,gt+4
  "+mh$+"
";
50760 WINDOW lw,m1,mr,mt,mb
50770 RETURN
50780 REM *****
50790 REM * SEARCH UP FOR NEAREST LEGAL OPTION *
50800 REM *****
50810 opt=v
50820 opt=opt-1
50830 IF opt=0 THEN 50850
50840 IF m$(opt)="" OR off(menu,opt)=1 THEN GOTO 50820
50850 IF opt>0 THEN v=opt
50860 RETURN
50870 REM *****
50880 REM * SEARCH DOWN FOR NEAREST LEGAL OPTION *
50890 REM *****
50900 opt=v
50910 opt=opt+1
50920 IF opt>am THEN RETURN:REM 51120
50930 IF m$(opt)="" OR off(menu,opt)=1 THEN GOTO 50910
50940 IF opt<am+1 THEN v=opt
50950 RETURN
50960 REM *****
50970 REM * PRINT OPTIONS *
50980 REM *****
50990 FOR n=1 TO am
51000 LOCATE 1,n
51010 IF m$(n)="" THEN PRINT STRING$(wi,45);:GOTO 51040
51020 PRINT m$(n);
51030 IF off(menu,n)=1 THEN PRINT CHR$(22);CHR$(1):PEN 0:LOCATE 1,n:PRINT STRING
$(wi,207);:PEN 1:PRINT CHR$(22);CHR$(0);
51040 NEXT:RETURN
51050 REM *****
51060 REM * FIND START POSITION FOR BAR *
51070 REM *****
51080 v=v+1:IF v=am THEN RETURN
51090 IF m$(v)="" OR off(menu,v)=1 THEN GOTO 51080
51100 RETURN
51110 REM RSX's
51120 REM |TURBO,|COPY,|SHOW
51130 MEMORY &3999
51140 FOR f=40000 TO 40071:READ a$:POKE f,VAL("&" +a$):NEXT
51150 CALL 40000
51160 DATA 01,4a,9c,21,84,9c,cd,d1,bc,c9,55,9c,c3,63,9c,c3,6c,9c
51170 DATA c3,78,9c,54,55,52,42,cf,43,4f,50,d9,53,48,4f,d7,00,21
51180 DATA 5f,00,3e,05,cd,68,bc,c9,21,00,c0,11,00,40,01,00,40,ed
51190 DATA b0,c9,21,00,40,11,00,c0,01,00,40,ed,b0,c9,00,00,00,00
51200 RETURN

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