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{BnAx} 10.'**·TIMETABLER·BY·GARETH·WATTS·**
{LqCk} 20·MODE·1:INK·0,1:INK·1,24:INK·2,6,1:INK·3,26,1:SPEED·INK·50,20:BORDER·1
{NvAl} 30·PEN·1
{MuBi} 40·OPENOUT"w":MEMORY·HIMEM-1:CLOSEOUT
{MnAl} 50·WIDTH·255
{OsCu} 60·FOR·e=1·TO·5:READ·day$(e):NEXT:FOR·e=1·TO·5:READ·day2$(e):NEXT:FOR·e=1·
    TO·5:READ·day3$(e):NEXT
{HuBq} 70·MODE·1:LOCATE·13,25:PEN·3:PRINT"·Screen":PEN·1
{IvCn} 80·MODE·1:PEN·1:LOCATE·1,25:PRINT"Display.to.:";GOSUB·710:GOSUB·710:scr=0
{LwEn}
    90·LOCATE·10,1:PRINT"TIMETABLER";SPACE$(5);"By·Gareth·Watts":LOCATE·10,2:PRI
    NT"-----":LOCATE·5,4:PRINT"Menu":LOCATE·5,5:PRINT"----"
{CiHj} 100·PRINT"1)·Start·new·Timetable":PRINT"2)·Load·old·timetable":PRINT"3)·
    Save·current·Timetable":PRINT"4)·Catalogue":PRINT"5)·Printer/Screen":PRINT"6
    )·Display/Print·Timetable":PRINT"7)·Change·name":PRINT"8)·Editor":PRINT"9)·Ex
    it·program
{NIax} 110·LOCATE·10,16:PRINT"Please·Select
{MuAt} 120·a$=UPPER$(INKEY$)
{EwBl} 130·IF·a$=""·OR·a$<"1"·OR·a$>"9"·THEN·120
{OIAh} 140·a=VAL(a$)
{EtBp} 150·ON·a·GOSUB·170,410,540,680,710,750,1590,1110,1540
{CuBn} 160·IF·scr<>1·THEN·GOTO·80·ELSE·scr=0:GOTO·90
{OvAt} 170.'**·START·NEW·TIMETABLE·**
{OkBq} 180·MODE·1:INPUT"How·many·periods·a·day·(1·to·8):",per$
{LuAw} 190·INPUT"Name·of·form:",form$
{JvCj} 200·INPUT"Name:",name$:IF·LEN(name$)>12·THEN·PRINT·CHR$(7);:GOTO·200
{MsAq} 210·per=VAL(per$)
{EKBi} 220·spaces=INT((79-5-(per))/per)
{LsCi} 230·FOR·x=1·TO·5:CLS:PRINT·day$(x),"Space:";spaces;"characters
{AuAr} 240·FOR·p=1·TO·per
{MwAs} 250·PRINT:PRINT"Period";p
{AsBv} 260·IF·flag=1·THEN·flag=0:GOSUB·390:GOTO·370:'NEXT·p,x
{OxBi} 270·INPUT"Enter·Subject.:",sub$(x,p)
{NIBu} 280·IF·LEN(sub$(x,p))>spaces·THEN·PRINT·CHR$(7);:GOTO·270

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(PtBk) 290·INPUT·"Enter·Teacher·:·",teach$(x,p)
(OjBt) 300·IF·LEN(teach$(x,p))spaces·THEN·PRINT·CHR$(7);:GOTO·290
(ItBj) 310·INPUT·"Enter·Room·no·:·",room(x,p)
(AuBw) 320·IF·LEN(STR$(room(x,p)))-1spaces·THEN·PRINT·CHR$(7);:GOTO·310
(DoBp) 330·INPUT·"Single·or·Double·period·(S/D)·:·";pernum$
(BuAu) 340·pernum$=UPPER$(pernum$)
(AoCl) 350·IF·pernum$<"S"·AND·pernum$<"D"·THEN·PRINT·CHR$(7);:GOTO·330·
(EsBi) 360·IF·pernum$="D"·THEN·flag=1
(JiAl) 370·NEXT·p,x
(OtAn) 380·RETURN
(LvDi) 390·IF·p=1·AND·x=1·THEN·sub$(x,p)=sub$(x-1,per):teach$(x,per)=teach$(x-1,per):room(x,p)=room(x-1,per):RETURN
(PnCq) 400·sub$(x,p)=sub$(x,p-1):teach$(x,p)=teach$(x,p-1):room(x,p)=room(x,p-1):RETURN
(MnAr) 410·**·LOAD·TIMETABLE·**
(PjBo) 420·MODE·1:PRINT:PRINT·SPACE$(12);"LOAD·TIMETABLE"
(AuAl) 430·PRINT
(EnBt) 440·PRINT"Enter·filename·(Max·8·characters)·:·":INPUT·file$
(LjBq) 450·IF·LEN(file$)>8·THEN·PRINT·CHR$(7);:GOTO·440
(BsAr) 460·OPENIN·LOWER$(file$)
(FnBi) 470·INPUT·#9,form$,name$,per,spaces
(MoAq) 480·FOR·x=1·TO·5
(KxAr) 490·FOR·p=1·TO·per
(PkBl) 500·INPUT·#9,sub$(x,p),teach$(x,p),room(x,p)
(JuAl) 510·NEXT·p,x
(KiAn) 520·CLOSEIN
(KxAn) 530·RETURN
(QkAr) 540·**·SAVE·TIMETABLE·**
(DlBp) 550·MODE·1:PRINT:PRINT·SPACE$(12);"SAVE·TIMETABLE"
(MkAl) 560·PRINT
(MtCt) 570·IF·sub$(1,1)=""·THEN·PRINT"no·timetable·to·process":PRINT"<SPACE>":CALL·&BB18:RETURN
(JkBs) 580·PRINT"Enter·filename·(Max·8·characters)·:·":INPUT·file$
(PuBo) 590·IF·LEN(file$)>8·THEN·PRINT·CHR$(7);:GOTO·580
(AtAo) 600·OPENOUT·file$
(MpBt) 610·PRINT#9,form$:PRINT#9,name$:PRINT#9,per:PRINT#9,spaces
(AwAr) 620·FOR·x=1·TO·5
(FrAr) 630·FOR·p=1·TO·per
(MwBs) 640·PRINT#9,sub$(x,p):PRINT#9,teach$(x,p):PRINT#9,room(x,p)
(BsAm) 650·NEXT·p,x
(CqAo) 660·CLOSEOUT
(IxAn) 670·RETURN
(FjAq) 680·**·CATALOGUE·**
(HvBt) 690·MODE·1:PRINT"Catalogue":PRINT:CAT:CALL·&BB18:RETURN
(OvAo) 700·NEXT·u,f:RETURN
(KjAs) 710·**·PRINTER/SCREEN·**
(MuBu) 720·IF·display=0·THEN·display=8·ELSE·display=0·
(PnCq) 730·LOCATE·13,25:PEN·3:IF·display=0·THEN·PRINT·"Screen·"·ELSE·PRINT·"Printer·"
(CxAs) 740·PEN·1:scr=1:RETURN
(BiBj) 750·**·DISPLAY/PRINT·TIMETABLE·**
(HiAu) 760·MODE·2:PRINT·SPACE$(8);
(DoAu) 770·used=5+per+(spaces*per)
(GtCo) 780·IF·display=0·THEN·PRINT"Display·timetable"·ELSE·PRINT"Print·timetable"
(FtCu) 790·IF·sub$(1,1)=""·THEN·PRINT"no·timetable·to·process":PRINT"<SPACE>":CALL·&BB18:RETURN
(GiCp) 800·IF·display=8·THEN·INPUT"Number·of·copies·:",cop·ELSE·cop=1:GOTO·840
(CuFi) 810·INPUT"(N)ormal/(C)ondensed/(U)ery·condensed·:",size$:IF·size$=""·OR·size$<"n"·AND·size$<"c"·AND·size$<"v"·THEN·PRINT·CHR$(7);:GOTO·810
(BrIs) 820·PRINT#8,CHR$(27);"@":IF·size$="c"·THEN·PRINT#8,CHR$(15);:ELSE·IF·size$="v"·THEN·PRINT#8,CHR$(27);CHR$(65);CHR$(6);CHR$(15);CHR$(27);CHR$(83);CHR$(1);:ELSE·INPUT"(D)raft/(N)L0·:",type$:IF·type$="n"·THEN·PRINT#8,CHR$(27)

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)+ "n": ELSE · PRINT#8, CHR$(27)+ "p"
{JpBl} 830 · IF · cop<1 · THEN · PRINT · CHR$(7); · GOTO · 800
{MxAq} 840 · FOR · e=1 · TO · cop
{CnDu} 850 · PRINT#display, "Form: ."; form$; SPACE$(25); "Name: ."; name$: PRINT#
display, "S=Subject": PRINT#display, "T=Teacher": PRINT#display, "R=Room
{XuCm} 860 · PRINT#display, SPACE$(7); · FOR · t=1 · TO · per: PRINT#display, t; SPACE$
(spaces-2); · NEXT
{MjAp} 870 · FOR · x=1 · TO · 5
{LpAu} 880 · table$(1)=day2$(x)+ "IS · I"
{LnAu} 890 · table$(2)= "IT · I"
{PtAv} 900 · table$(3)= "IR · I"
{BrAo} 910 · PRINT#display
{AuAx} 920 · PRINT#display, STRING$(used, " _")
{XnAr} 930 · FOR · p=1 · TO · per
{BjAw} 940 · add=spaces-LEN(sub$(x,p))
{OuBi} 950 · add2=spaces-LEN(teach$(x,p))
{FpBi} 960 · add3=spaces-LEN(STR$(room(x,p)))
{PqBm} 970 · table$(1)=table$(1)+sub$(x,p)+SPACE$(add)+"I"
{CtBt} 980 · table$(2)=table$(2)+teach$(x,p)+SPACE$(add2)+"I"
{LmBv} 990 · table$(3)=table$(3)+STR$(room(x,p))+SPACE$(add3)+"I"
{BwAk} 1000 · NEXT
{EpBr} 1010 · IF · display=0 · THEN · PRINT · CHR$(22); CHR$(1);
{NrAp} 1020 · FOR · r=1 · TO · 3
{DjAu} 1030 · PRINT#display, table$(r);
{HmBx} 1040 · IF · display=8 · THEN · PRINT#8, CHR$(13); STRING$(used, " _")
{FoBu} 1050 · IF · display=0 · THEN · PRINT · CHR$(13); STRING$(used, " _")
{PkAm} 1060 · NEXT · r, x
{DmBo} 1070 · IF · display=8 · THEN · PRINT#8, CHR$(12);
{KoAk} 1080 · NEXT
{BsBv} 1090 · IF · display=8 · THEN · PRINT "Finished -- Press any key."
{PvAu} 1100 · CALL · &BB18: RETURN ·
{NuAm} 1110 · ' ** · EDITOR · **
{GnAx} 1120 · MODE · 1: PRINT · SPACE$(20); "EDITOR"
{BkCv} 1130 · IF · sub$(1,1)= "" · THEN · PRINT "No Timetable to process --
· press a key": CALL · &BB18: RETURN
{BqDp} 1140 · PRINT: PRINT "1) Edit single period": PRINT "2) Search & replace":
PRINT "3) Main Menu": LOCATE · 10, 8: PRINT "Please Select
{JkBk} 1150 · a$=LOWER$(INKEY$): IF · a$="" · THEN · 1150
{IqBi} 1160 · IF · a$>"3" · OR · a$<"1" · THEN · 1150
{DlAv} 1170 · IF · a$="3" · THEN · RETURN
{BnAv} 1180 · IF · a$="2" · THEN · 1310
{MoBv} 1190 · CLS: INPUT "Enter first two letters of day: .", lets$
{MrBw} 1200 · FOR · u=1 · TO · 5: IF · lets$(>)day3$(u) · THEN · NEXT · ELSE · GOTO · 1220
{KsAt} 1210 · PRINT · CHR$(7); · GOTO · 1190
{OkAx} 1220 · INPUT "Enter period number: .", num
{MiBq} 1230 · IF · num>per · OR · num<1 · THEN · PRINT · CHR$(7); · GOTO · 1220
{AmBj} 1240 · PRINT "Current details are: -"
{BnBw} 1250 · PRINT · sub$(u, num): PRINT · teach$(u, num): PRINT · room(u, num)
{AqBt} 1260 · PRINT: PRINT "Enter replacements in same order": PRINT
{AmBv} 1270 · INPUT "", sub$(u, num): IF · LEN(sub$(u, num))>spaces · THEN · 1270
{EuBw} 1280 · INPUT "", teach$(u, num): IF · LEN(teach$(u, num))>spaces · THEN · 1280
{PoCi} 1290 · INPUT "", room(u, num): IF · LEN(STR$(room(u, num)))>spaces · THEN · 1290
{HtAm} 1300 · GOTO · 1110
{GpAr} 1310 · ' ** · SEARCH · & · REPLACE · **
{PkBn} 1320 · CLS: PRINT · SPACE$(15); "SEARCH & REPLACE": PRINT
{FiDo} 1330 · PRINT "1) Change subject": PRINT "2) Change teacher": PRINT "3) Change
room": LOCATE · 10, 7: PRINT "Please Select"
{FnBm} 1340 · a$=LOWER$(INKEY$): IF · a$="" · THEN · 1340
{GwBk} 1350 · IF · a$>"3" · OR · a$<"1" · THEN · 1340
{AjCt} 1360 · IF · a$<>"3" · THEN · INPUT "Change from: ."; chanf$: ELSE · INPUT "Change
from: ."; chanf
{EmCr} 1370 · IF · a$<>"3" · THEN · INPUT "Change to: ."; chan$: ELSE · INPUT "Change to
: ."; chan
{HqEk} 1380 · IF · a$<>"3" · THEN · IF · LEN(chan$)>spaces · THEN · PRINT · CHR$(7); · GOTO · 1370 ·
ELSE · IF · LEN(STR$(chan))>spaces · THEN · PRINT · CHR$(7); · GOTO · 1370
{HmAv} 1390 · IF · a$<>"1" · THEN · 1430 ·
{NxAu} 1400 · FOR · u=1 · TO · 5: FOR · y=1 · TO · per
{LmBn} 1410 · IF · sub$(u,y)=chanf$ · THEN · sub$(u,y)=chan$
{JoAl} 1420 · NEXT · y, u
{BjAu} 1430 · IF · a$<>"2" · THEN · 1510
{EIAv} 1440 · FOR · u=1 · TO · 5: FOR · y=1 · TO · per

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(LqBu) 1450·IF·teach$(u,y)=chanf$.THEN·teach$(u,y)=chanf:
(PsAn) 1460·NEXT·y,u···
(PjAs) 1470·IF·a$="3"·THEN·1510
(BrAu) 1480·FOR·u=1·TO·5:FOR·y=1·TO·per:
(AkBp) 1490·IF·room(u,y)=chanf·THEN·room(u,y)=chan
(HoAl) 1500·NEXT·y,u
(AsAn) 1510·GOTO·1110
(EuAn) 1520·NEXT·y,u
(KoAt) 1530·CALL·&BB18:RETURN
(DuAs) 1540·'**-EXIT·PROGRAM·**
(GvBn) 1550·LOCATE·1,22:PRINT"Exit:·Are·you·sure?"
(GpBo) 1560·a$=UPPER$(INKEY$):IF·a$=""·THEN·1560
(LkBs) 1570·IF·a$(">")"Y"·THEN·LOCATE·1,22:PRINT·SPACE$(19):RETURN
(PwAx) 1580·WHILE·INKEY$(">")"";WEND:MODE·1:END
(NiAq) 1590·'**-CHANGE·NAME·**
(AMBk) 1600·CLS:INPUT"Enter·new·name·:",name$
(FqCj) 1610·IF·LEN(name$)>12·THEN·PRINT·CHR$(7);:GOTO·1600·ELSE·RETURN
(GrCl) 1620·DATA·Monday,Tuesday,Wednesday,Thursday,Friday,M,T,W,T,F,mo,tu,we,
      th,fr

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