

PROGRAMME 1

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10 '*****
20 '* PROGRAMME 1: CHARGEUR DES RSX *
30 '*****
40 :
50 MEMORY &7FFF
60 A=&8000
70 CS=0
80 READ D$: IF D$="XX" THEN 120 ELSE D=VAL("&" + D$)
90 POKE A,D: A=A+1
100 CS=CS+D
110 GOTO 80
120 A=&8200
130 READ D$: IF D$="XX" THEN 170 ELSE D=VAL("&" + D$)
140 POKE A,D: A=A+1
150 CS=CS+D
160 GOTO 130
170 IF CS<>22298 THEN PRINT"ERREUR EN DATA...":END
180 PRINT:PRINT"DONNEES OK.POUR SAUVEGARDER LE CODE PRESSER UNE TOUCHE"
190 CALL &BB06
200 SAVE"SERVO",B,&8000,622
210 CALL &8200
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220 CLS:END
230 DATA 21,50,80,06,81,0E,00,11,0E,80
240 DATA CD,D7,BC,C9,06,EF,0E,80,3E,81
250 DATA CD,60,80,0E,80,3E,82,CD,60,80
260 DATA 0E,80,3E,84,CD,60,80,0E,80,3E
270 DATA 88,CD,60,80,0E,80,3E,90,CD,60
280 DATA 80,0E,80,3E,A0,CD,60,80,0E,80
290 DATA 3E,C0,CD,60,80,0E,80,3E,00,CD
300 DATA 60,80,C9,00,00,00,00,00,00,00
310 DATA 00,00,00,00,00,00,00,00,00,21
320 DATA 50,80,CD,DD,BC,C9,F3,ED,79,16
330 DATA E0,15,20,FD,0D,00,00,00,00,20
340 DATA F9,3E,80,ED,79,FB,C9,XX
350 DATA 01,09,82,21,26,82,C3,D1,BC,17
360 DATA 82,C3,2A,82,C3,3F,82,C3,46,82
370 DATA C3,4D,82,53,45,52,56,CF,4F,CE
380 DATA 4F,46,C6,49,4E,49,D4,00,00,00
390 DATA 00,00,FE,02,C0,DD,56,00,DD,5E
400 DATA 02,21,0A,80,01,07,00,09,1D,20
410 DATA FC,72,C9,FE,00,C0,CD,00,80,C9
420 DATA FE,00,C0,CD,59,80,C9,FE,01,C0
430 DATA CD,59,80,DD,5E,00,16,08,21,10
440 DATA 80,01,07,00,09,36,0E,15,20,FA
450 DATA 21,10,80,09,1D,20,FC,36,C9,C9
460 DATA XX
470 END
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PROGRAMME 2

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10 '*****
20 '*      PROGRAMME 2:      TEST      *
30 ?*****
40 :
50 ON BREAK GOSUB 210
60 INPUT "COMBIEN DE SERVOS ";N
70 CLS
80 !INIT,N:!ON
90 FOR S=1 TO N
100 LOCATE 18,12:PRINT"SERVO";S
110 FOR P=1 TO 255 STEP 2
120 !SERVO,S,P
130 NEXT P
140 FOR P=255 TO 1 STEP -2
150 !SERVO,S,P
160 NEXT P
170 NEXT S
180 FOR S=1 TO N:!SERVO,S,1:NEXT
190 FOR T=0 TO 1000:NEXT
200 GOTO 90
210 !OFF
220 END
```

PROGRAMME 3

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10 '*****
20 '* PROGRAMME 3: GESTIONNAIRE DE *
30 '* SERVOMOTEURS *
40 '* (C) Olivier LANVIN 1985 *
50 '*****
60 :
70 MEMORY &7FFF
80 LOAD "!servo.bin",&8000
90 CALL &8200 ' RSX
100 OPENOUT "DUMMY":MEMORY HIMEM-1:CLOSE
OUT
110 ON BREAK GOSUB 1310
120 MODE 1
130 DEFINT A-Y
140 V=10
150 PG=1
160 DIM T(100,8)
170 GOSUB 260 'def fenetres
180 INK 0,0:INK 1,13:INK 2,6:INK 3,9
190 CLS:CLS#1
200 PEN #1,2:PRINT#1,"===== ROB
OTIC 7 ====="
210 LOCATE 8,5:INPUT"NOMBRE DE VOIES (1-
7) : ",v:CLS:IF v>7 OR v<1 THEN 210
220 FOR P=0 TO 100:FOR S=1 TO V:T(P,S)=1
28:NEXT S:NEXT P
230 FOR S=1 TO V:POKE &8010+7*S,&E:NEXT:
POKE &8010+7*V,&C9
240 GOSUB 330 'menu
250 GOTO 240
260 '----- FENETRES -----
270 WINDOW 1,40,5,24
280 WINDOW #1,1,40,1,2
290 WINDOW #2,1,40,3,3
300 WINDOW #3,1,40,25,25
310 PAPER #3,1:PEN #3,0
320 RETURN
330 '----- MENU -----
340 CLG
350 PEN #1,2:PRINT#1,"===== ROB
OTIC 7 ====="
360 CLS:CLS#2:CLS#3:PEN 1
370 PRINT:PRINT:PRINT
380 PRINT TAB(15);"1-Programmer":PRINT
390 PRINT TAB(15);"2-Executer":PRINT
400 PRINT TAB(15);"3-Charger":PRINT
410 PRINT TAB(15);"4-Sauvegarder":PRINT
420 PRINT TAB(15);"5-Fin":PRINT
430 WHILE INKEY$<>"":WEND
440 WHILE INKEY$="":WEND
450 IF INKEY(13)=0 OR INKEY(64)=0 THEN G
OSUB 510
460 IF INKEY(14)=0 OR INKEY(65)=0 THEN G
OSUB 840
470 IF INKEY(5)=0 OR INKEY(57)=0 THEN GO
SUB 1150
480 IF INKEY(20)=0 OR INKEY(56)=0 THEN G
OSUB 1230
490 IF INKEY(12)=0 OR INKEY(49)=0 THEN E
ND
500 RETURN
510 '-----Programmer-----
520 PRINT CHR$(22);CHR$(1);'MODE TRANSPA

```



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RENT
530 ZONE 5
540 CLS:CLS#1
550 PRINT#1,"===== PROGRAMMATION
=====
560 PEN #2,3:PRINT#2," PAS S1 S2 S3
S4 S5 S6 S7 ";
570 PRINT#3," M=MENU"
580 MOVE 0,348:DRAW 640,0,1
590 MOVE 0,374:DRAW 640,0,1
600 FOR N=0 TO V+1:MOVE 80*N,374:DRAW 0
,-374:NEXT N
610 MOVE 639,374:DRAW 0,-374
620 FOR P=1 TO 999
630 PRINT USING "###";P;
640 PRINT CHR$(22)+CHR$(0);
650 PRINT TAB(5);:FOR S=1 TO V:PRINT USI
NG " ###";T(P,S);:NEXT
660 FOR N=0 TO 8:MOVE 80*N,374:DRAW 0,-
374:NEXT N
670 !ON:FOR s=1 TO y: !SERVO,S,T(P,S):NEX
T S
680 !OFF
690 FOR S=1 TO V
700 PEN 1
710 PEN 2:LOCATE 2+S*5,VPOS(#0):PRINT US
ING "###";T(P,S);
720 !SERVO,S,T(P,S)
730 !ON
740 CALL &BB06
750 !OFF
760 IF INKEY(38)=0 THEN NP=P:RETURN
770 IF INKEY(18)=0 THEN PEN 1:LOCATE 2+S
*5,VPOS(#0):PRINT USING "###";T(P,S);:GO
TO 800
780 T(P,S)=T(P,S)+(INKEY(1)=0)*(T(P,S)<2
55)-(INKEY(8)=0)*(T(P,S)>1)
790 GOTO 710
800 NEXT S
810 PRINT
820 FOR N=0 TO 8:MOVE 80*N,374:DRAW 0,-
374:NEXT N
830 NEXT P
840 '-----EXECUTER-----
850 CLS:CLS#1:CLS#2:CLS#3:PEN #1,2:PRINT
#1,"===== EXECUTION =====
=====
860 PRINT#3," DEPART : <ENT
ER>";
870 LOCATE 13,1:PEN 1:PRINT"* VITESSE se
c/pas *"
880 LOCATE 10,3:PRINT"0 5
10"
890 LOCATE 10,5:PRINT" | | | | | | |
| |"
900 LOCATE 11,4:PEN 2:PRINT STRING$(vi+1
,143);:PEN 3:PRINT STRING$(19-vi,143)
910 vi=vi+(INKEY(1)=0)*(vi<19)-(INKEY(8)
=0)*(vi>0)
920 IF INKEY(18)=0 THEN 940

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930 GOTO 900
940 LOCATE 12,9:PEN 1:PRINT"* ETAT DES S
ORTIES *"
950 MOVE 0,180:DRAWR 640,0,1:MOVE 0,116:
DRAWR 640,0
960 MOVE 0,156:DRAWR 640,0:MOVE 639,180:
DRAWR 0,-64
970 FOR N=0 TO 8:MOVE N*80,180:DRAWR 0,-
64:NEXT N
980 LOCATE 1,11:PEN 3:PRINT" PAS S1 S
2 S3 S4 S5 S6 S7";
990 PRINT#3," M=MENU ESC=
STOP"
1000 FOR P=1 TO NP
1010 LOCATE 1,13:PRINT" "
1020 LOCATE 1,13:PEN 1:PRINT USING "###
";P;:FOR s=1 TO v:PRINT USING "### ";
T(P,S);:NEXT S
1030 FOR N=0 TO 8:MOVE N*80,180:DRAWR 0,
-64:NEXT N
1040 !ON:FOR S=1 TO V: !SERVO,S,T(P,S):NE
XT S
1050 Z=TIME
1060 IF INKEY(38)=0 THEN !OFF:RETURN ELS
E IF TIME-Z<150*V! THEN 1060
1070 IF INKEY(38)=0 THEN !OFF:RETURN
1080 IF INKEY(50)=0 THEN 990
1090 IF INKEY(71)=0 THEN GOSUB 1130:RETU
RN
1100 NEXT P
1110 !OFF
1120 GOTO 840
1130 '----- RAZ -----
1140 FOR S=1 TO 7:T(0,S)=128:NEXT S:P=0:
RETURN
1150 '----- CHARGEMENT DISC-----
1160 CLS:CLS#1:CLS#2:CLS#3
1170 PEN#1,2:PRINT#1,"===== CHAR
GEMENT =====";
1180 LOCATE 10,10:INPUT "ENTREZ LE NOM:
",N$
1190 OPENIN N$
1200 FOR P=1 TO 99:FOR S=1 TO 7:INPUT#9,
T(P,S):NEXT S:NEXT P
1210 CLOSEIN
1220 RETURN
1230 '----- SAUVEGARDE DISC -----
1240 CLS:CLS#1:CLS#2:CLS#3
1250 PEN#1,2:PRINT#1,"===== SAUV
EGARDE =====";
1260 LOCATE 5,10:INPUT "ENTREZ UN NOM (1
A 8 CAR.) ",N$
1270 OPENOUT N$
1280 FOR P=1 TO 99:FOR S=1 TO 7:PRINT#9,
T(P,S):NEXT S:NEXT P
1290 CLOSEOUT
1300 RETURN
1310 !OFF:GOTO 330
1320 END

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