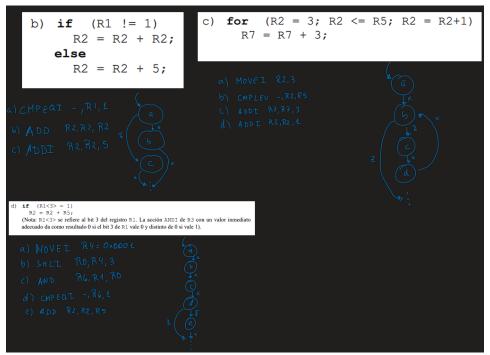
Exercici 1

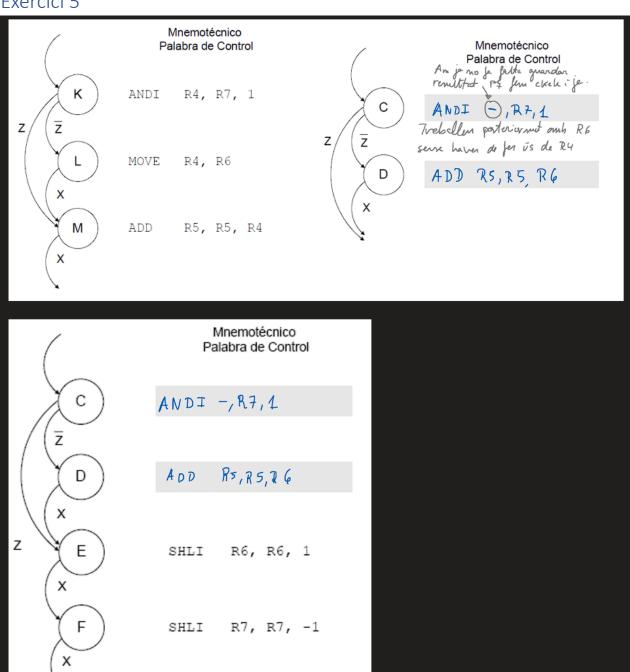
(1) No en gat peq. IN R1 requires de OD=001 methor que ADDR2, R3, R3 meconstr OD=010. Com que hi he col listó,		@A		@B		OP		Р	F			lu		@D			N (Hexa)					
me at port	no a got ralited l'ordre.		b ₁	စို	b ₂	þ1	p ₀	Rb/N	þ1	p ₀	b ₂	þ1	p ₀	In/Alu	b ₂	b ₁	p ₀	WrD	D³	D	٥	D ₀
AND	R3, R1, R5	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	X	X	Х	Х
ADD	R1, R2, R3 // NOT R2, R1																					-
SHAI	R7, R7, -3	١	\	١	X	X	X	0	0	0	١	1	0	0	1	1	1	1	F	F	Ŧ	\mathbb{D}
ADDI	R4, R7, -1			(Χ	X	X	O	D	0	1	9	0	0	(O	0		F	F	F	F
OUT	R5 // IN R6	1	0	١	X	X	X	X	X	Χ	X	X	X	Ţ	١	1	0	1	X	X	X	X
IN	R1 // ADD R2, R3, R7	1)_																				
MOVEI	R3, 327	X	X	X	Χ	Χ	X	0		D	0	0	1	0	O	1	1	¥	0		4	7
SHLI	R6, R6, 1	\	1	D	X	Χ	Χ	0	Ø	0	1	1	1	O	١		0	1	0	0	0	/
CMPEQ	-, R3, R2	O	(1	O	1	0	١	0	1	0	(X	X	Χ	X	0	X	X	Χ	X
SUBI	-, R2, 1	0	(0	χ	Χ	X	O	0	0	l	0	1	X	Χ	×	X	0	0	0	U	/

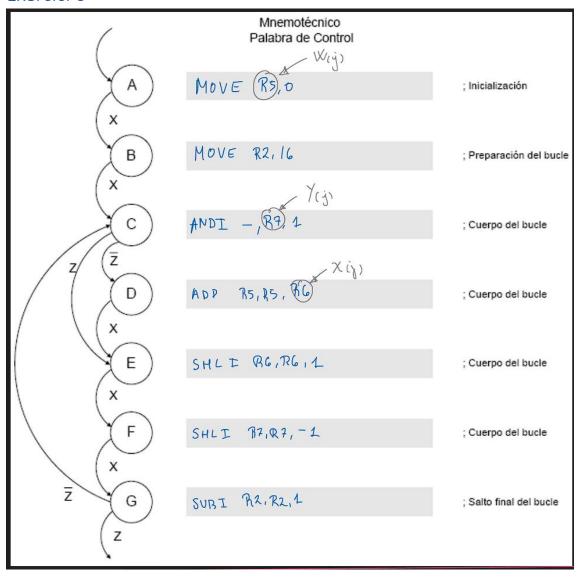
Mnemo	técnico	Palabra de control hexadecimal
AND	R3, R1, R5	06C070000
ADD	R1, R2, R3 // NOT R2, R1	
SHAI	R7, R7, -3	1COCFFFFD
ADDI	R4, R7, -1	1c089FFFF
OUT	R5 // IN R6	1401D0000
IN	R1 // ADD R2, R3, R7	
MOVEI	R3, 327	002270147
SHLI	R6, R6, 1	18 0 ED0001
CMPEQ	-, R3, R2	0 D 5 6 0 0000
SUBI	-, R2, 1	08 b A o 0001

Exercici 3

```
SHAI R7, R7^{R_{10}}
                           0000 1010 cm = 100
C)
     R7= 1
                         d) ADDI R4, R7,
                           00001001=90
   R4= 9
   OUT R5 // IN R6
e)
   R6=23
   MOVEI R3, 327
f)
    R3 = 327
           R1 // ADD R2, R3, R7
    ΙN
g)
                            1001 0000
                             11111112
    SHLI R6, R6, 1
h)
                             01601 600
    RG= 18
           -, R3, R2
i)
    CMPEQ
    _ No és modifice res
            -, R2^{R_5}
                         1
j)
    SUBI
           No is modelie ves
```







Exercici 7

Ciclo	Mnemotécnico	Estado actual de los registros 5							
		R2	R5	R6 ✓					
0	MOVEI R5, 0	XXXX	XXXX	(0 0 1 1)	(0101)				
1	MOVEI R2, 4		0000						
2	ANDI -, R7, 1	0100							
3	ADD 75, 85, 86								
4	SHLI MG,RG,L		0011						
5	SHLT 77, R7, 1			0110					
6	SUBI BLIAZ, L				0000				
7	ANDI - R7, 4	0011							
8	SHLI RG,RG,L								
9	SHLI R7, R7,-1			1100					
10	SUBI R2, R2, 4				000				
11	ANPI -, 87, 1	0010	/ 15						
12	ADD R5, 83, 86								
13	SH LI R6, R6, 1		(1111)						
14	SHLI R7, R7,-1			1000					
15	SUBI RZ, RZ, 1				0000				
16	ANDI -, R7, 1	0001							
17	SHLI RG, RG, L								
18	SHLI 97,97,-1		,	0000					
19	SUBI AZ, AZ, L				0000				

Tarde 20 cicles en completan tot (0-179) on R2 al segient je 6'0'.

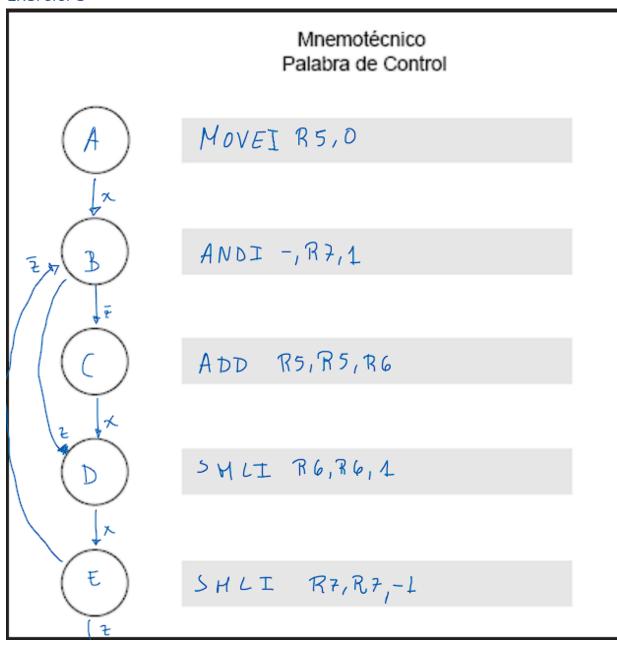
Els reg de 6 UPG sor R2, R5, R6 i R7.

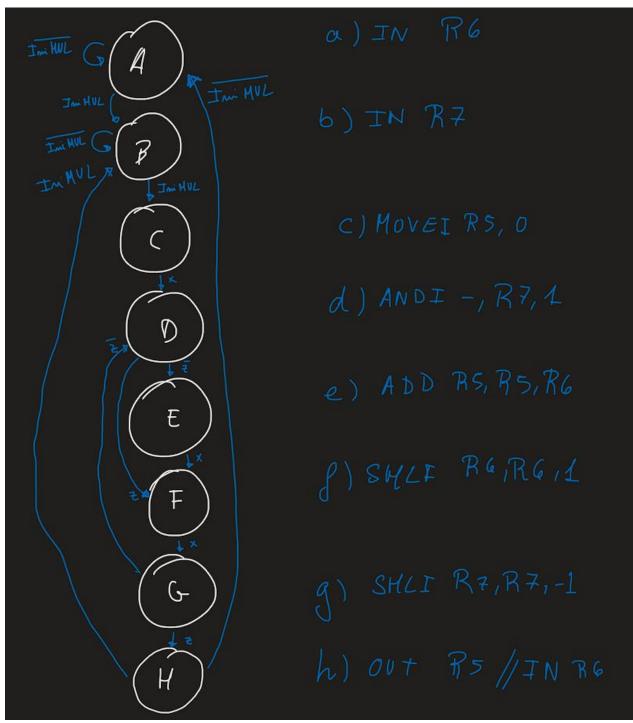
R5 = 1111 & Rentot

R2 = 0000 & Contador i er '0000' 99 al aide 19 fem 6 verta tot i que no voguen verellat

RC = 0000 & Previant ere el '3'

R2 = more 0 & Previant ere el '5'.





# Relació Estat - Num Binari A 0000	ROM_Q+_MUL	900 In/Alu WrD @D @A OP F Rb/N @B N 000 FinMul
B 0001 C 0010 D 0011 E 0100 F 0101 G 0110 H 0111		A) IN R6 000,1,1,110,XXX,XX,XXX,XXXX,XXXXXXXXXXX
<pre># Llegenda Taula ROM_Q+_MUL S = Estat I = IniMul Z = Z Q+ = Estat Seg.</pre>		B) IN R7 000,1,1,111,XXX,XX,XXX,X,XXX,XXXX,XXXXXXXX
# Taula ROM_Q+_MUL SIZ Q+ A00 A A01 A A10 B A11 B		C) MOVEIR5,0 000,0,1,101,XXX,10,001,0,XXX,0000000000
800 B 801 B 810 C 811 C C00 D C01 D	ROM_OUT-HUL	D) ANDI -,R7,1 000,0,000,111,00,000,0,XXX,000000000000
C11 D D00 E D01 F D10 E D11 F		E) ADD R5,R5,R6 ?? 000,0,1,101,00,100,1,110,XXXXxxxXXXXXxxxx,900,0 0000,1101,1010,0100,1110,0000,000
E00 F E01 F E10 F E11 F F00 G F01 G		F) SHLF R6,R6,1 000,0,1,110,110,00,111,0,XXX,0000000000
F10 G F11 G G00 D G01 H G10 D		G) SHLI R7,R7,-1 000,0,1,111,111,00,111,0,XXX,1111111111
611 H H00 A H01 A H10 B H11 B		H) OUT R5 // IN R6 000,1,1,110,101,XX,XXX,X,XXX,XXXXXXXXXX