**Atividade 06**

**João Pedro Rosa Cezarino**

**R.A: 22120021-5**

**1)**

MOV 030H, #02

MOV 031H, #02

MOV 032H, #01

MOV 033H, #02

MOV 034H, #00

MOV 035H, #00

MOV 036H, #02

MOV 037H, #01

MOV 038H, #05

MOV R0, #30H

MOV R1, #8

SUBR1:

CJNE @R0, #06H, SUBR2

MOV P1, #0FEH

SJMP $

SUBR2:

INC R0

DJNZ R1, SUBR1

**2)**

MOV 030H, #02

MOV 031H, #02

MOV 032H, #01

MOV 033H, #02

MOV 034H, #00

MOV 035H, #00

MOV 036H, #02

MOV 037H, #01

MOV 038H, #05

MOV R0, #30H

MOV R1, #8

MOV A, @R0

MOV B, @R0

MOV R4, #00H

SUBR1:

CLR C

INC R0

SUBB A, @R0

JNC SUBR2

MOV B, @R0

MOV 039H, B

MOV A, B

DJNZ R1, SUBR1

CLR C

JNC LOOP

SUBR2:

MOV 039H, B

MOV A, B

DJNZ R1, SUBR1