```
Manel Lurbe Sempere
                            Tema 3 8
50 S3 C4 B(msb) C(msb) S7 C8 D(msb) E(msb) S15 $16
1'5ms 4'5ms 4ms 4'5ms 4'5ms 7'5ms 7ms 8'5ms 8'5ms 11'5ms 11' ms
                                  Productivitat = 1 = 0'05128 OP5 =
                                                   = 51'28HOPS
       DNI(dec) DNI(hex) IND(dec) IND(hex)
20238430 134D05E 03483202 352642
G 531...16
0...101101010 0...101101001
   0x016A 0x0169
   20238430 \rightarrow K_1 = 430 K_2 = -430

a) Decimal Binari Booth

K_1 = 430 0001101011110010101-1010101

K_2 = -430 11100101001001001-101-1-1-1
                                        MoH: SII $t0, $a0, 8
SII $t1, $a0, 7
SII $t2, $a0, 5
   b) global_start
.text 0x00400000
  start: 1; $a0,10
                                                      $t3, $a0, 3
            Jal Mult
           move $00,500
                                                 sll $44, $a0,2
            11 $10,1
                                                 sll $65, $a0, 1
            Syscall
            1: $v0,10
                                                addo $v0, $v0,$60
            Syscall
                                                addu $v0, $v0, $t1
                                                addu $ v0, $v0, $t2
                                                addu $v0, $v0, $t9
addu $v0, $v0, $t9
addu $v0,$v0,$t5
```

oglobal_start text 0x00400000 _Stert: 1: \$a0,10 jal Mult move SaO, SvO 1: \$v0, 1 Syscall 1: \$v0,10 Syscall Mult: sll \$to,\$a0,9 511 St1, SaO, 7 sll \$t2,\$a0,6 SII \$+3, \$a0,5 \$1 \$t4, \$a0,4 511 \$t5, \$a0, 2 sll \$6,\$a0,1 subu \$ v0, \$v0, \$t0 addu \$ v0,5v0,5t1 subu \$ v0,5v0,8t2 addu \$ v0,5v0,5t3 subu \$ v0,5v0,5t4 addu \$v0,\$v0,\$65 subu \$v0, \$v0, \$t6

jr sra