Subject :

Date :...../...../.....

Instrucțiuni de tip R

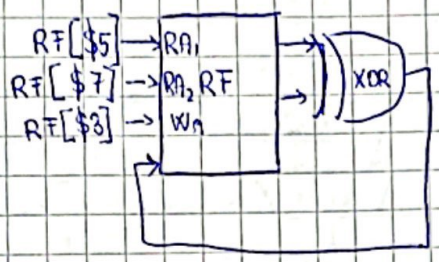
- **Instrucțiunea XOR**

  XOR $rd $rs $rt

  ex: XOR $3 $5 $7

  RF[$3] ← RF[$5] ^ RF[$7]

  B"000_101_111_011_0_110"



- **Instrucțiunea SLT** - dacă $rs < $rt , $rd e inițializat cu 1, altfel cu 0

  SLT $rd $rs $rt

  ex: SLT $3 $5 $7

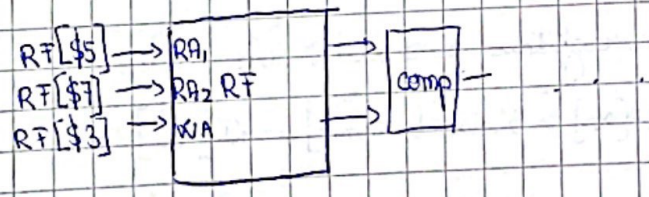
  if RF[$rs] < RF[$rt]

  RF[$rd] ← 1;

  else

  RF[$rd] ← 0;

  B"000_101_111_011_0_111"



Subject : Date :...../...../.....

Instrucțiuni de tip I

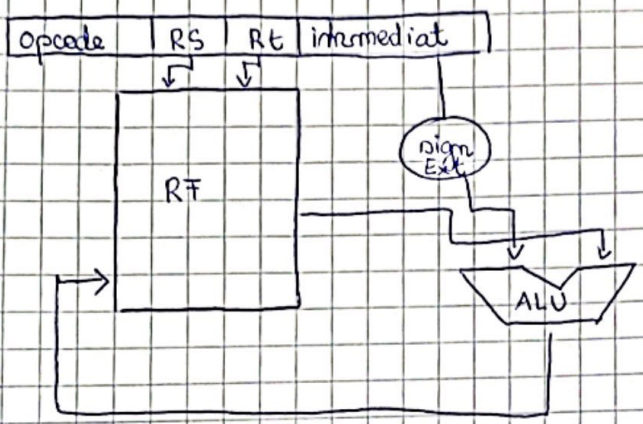
- **Instrucțiunea ANDi** - logical AND unsigned constant

andi $rt $rs imm

RF[rt] <— RF[rs] & Z_Ext(imm)

Ex: andi $2 $3 1

B"101-011_010-0000001"



- **Instrucțiunea bltz** - branch on less than zero

• bltz $rs, imm

• if (RF[rs] < 0) then

PC ← PC+1 + S_Ext(imm) << 2

ex: bltz $7, 5

• B"110_111_000_0000101"