Labos Solutions

ARM Resirters

ARM Execution

Control

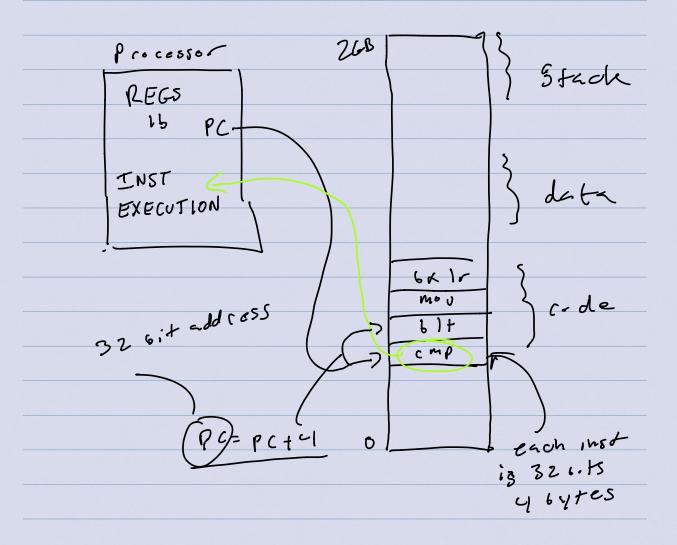
conditionals Cif/then/else)

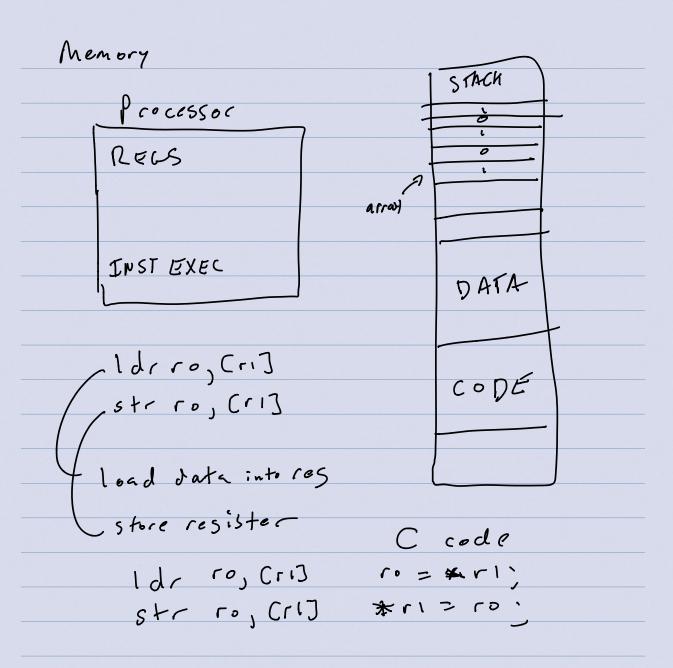
loop (for/while)

Memory - memory access

Arrays

Function Cells





```
. globa count-zeros-s
Count-zeros_8.
      mou 12, #6 /x count = 0 x/
      100 V 13, HO 120 x/
count-zeros loop:
      cmp r3, r2 /x i < len? */
      bgc count-zeros_loop-end
      ld- 12, [ro] 12 - 12 = * army 4/
      cmp +12 , #0
      bne count-zeros_not-zero
     add rz, rz, #1
 count - zeros not zero:
       add ro, ro, #4
       add r3, r3, #1 =
       b court _zeros_loop
count-zeros-loop-end:
      MON ro, rz
      bx lr
```