Flag

1. What is Carry Flag (CF)?

• This flag is set to 1 when there is an unsigned overflow.

2. What is Zero Flag (ZF)?

• This flag set to 1 when the result is zero (0). For non-zero result this flag is set to 0.

3. What is Sign Flag (SF)?

• This flag set to 1 when the result is negative. When result is positive it’s set to 0.

4. What are the different between JMP and LOOP instruction?

JPM

* It does only one time then jump
* Can Jump anywhere you want
* Use key word “jmp” to jump

LOOP

• It does many times depend on (16bits) cx register

• Can be nested loop

• Use key work “loop” to loop