



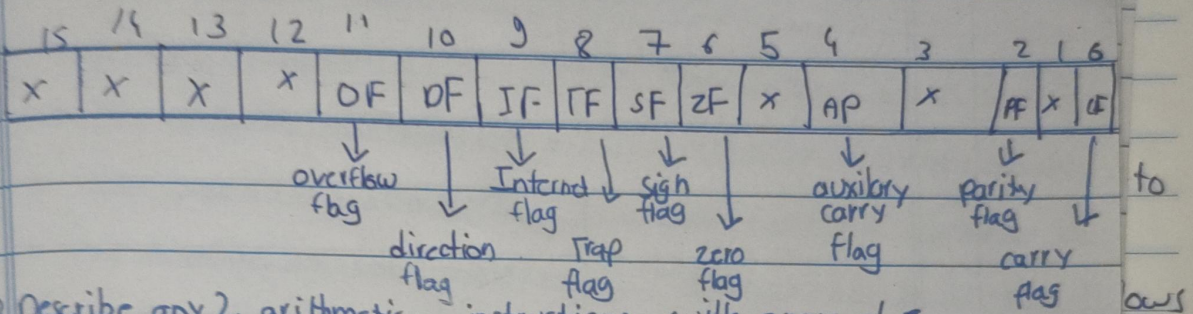
Experiment - 6

I write & Execute an assembly language program to add/subtract

(Code in Practical I)

II Practical Related questions

Q1 Draw flag register of 8086



Q2 Describe any 2 arithmetic instructions with example

① ADD: This instruction is used to add operands & store the result in the destination operand. Eg ADD AX, BX

② SUB: This instruction is used to subtract the source operand from the destination operand & store the result in destination operand eg:- SUB CX, DX

Q3 The invalid instruction is:

MOV D 5, 500H. In the 8086 the MOV instruction with a segment register as the destination operand is invalid

Q4 Difference between SUB & SBB instruction

SUB

SBB

- used to subtract the byte from byte/word from word

- used to perform subtraction with borrow

- Syntax:- sub, dest, source

- sbb, dest, source

III Conclusion:- In this expt we discussed the flag registers of 8086