Computer architecture

Machine code

SUB AX, BX

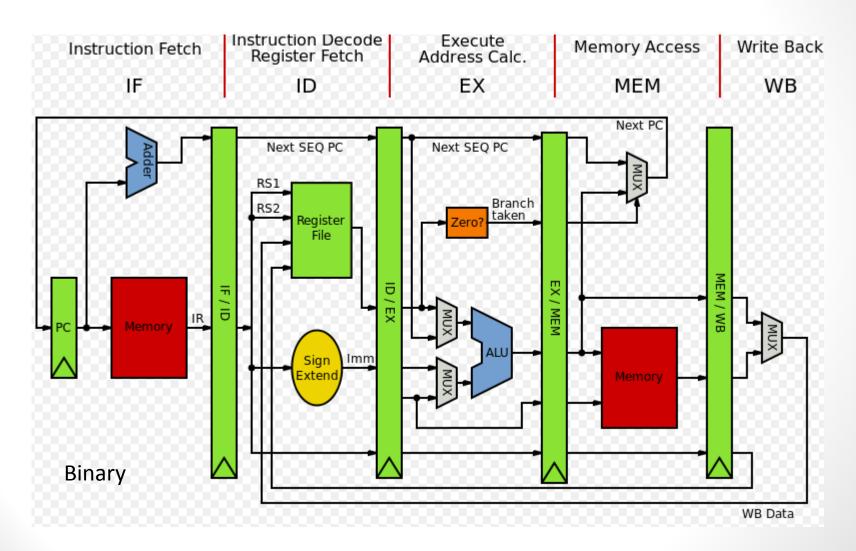
MOV CX, AX

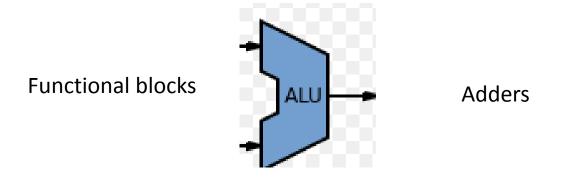
MOV DX, 0

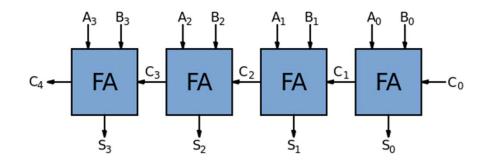
Assembly language

001010111000011

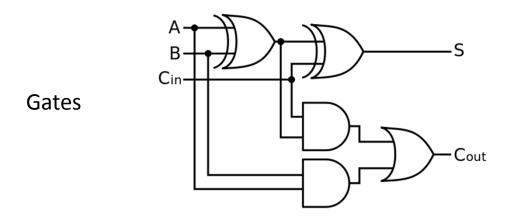
100010111001000

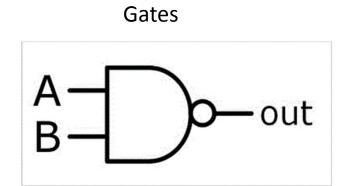






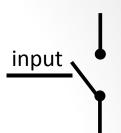
Digital logic design



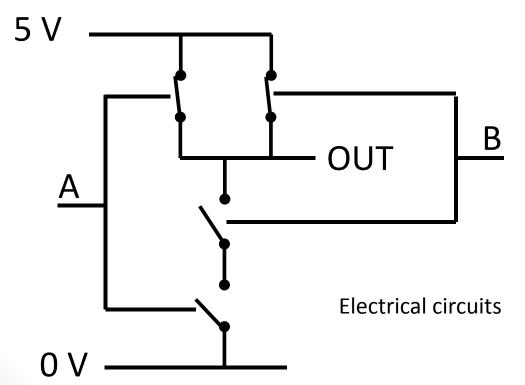




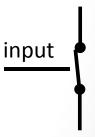
Open when input = 0 Closed when input = 1



Digital circuit design



Closed when input = 0 Open when input = 1

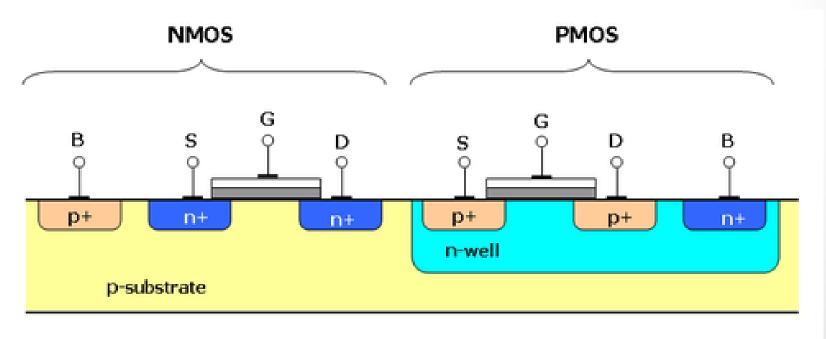


Transistors



Transistors (symbols)

Semiconductor physics



Transistors (physical device)









