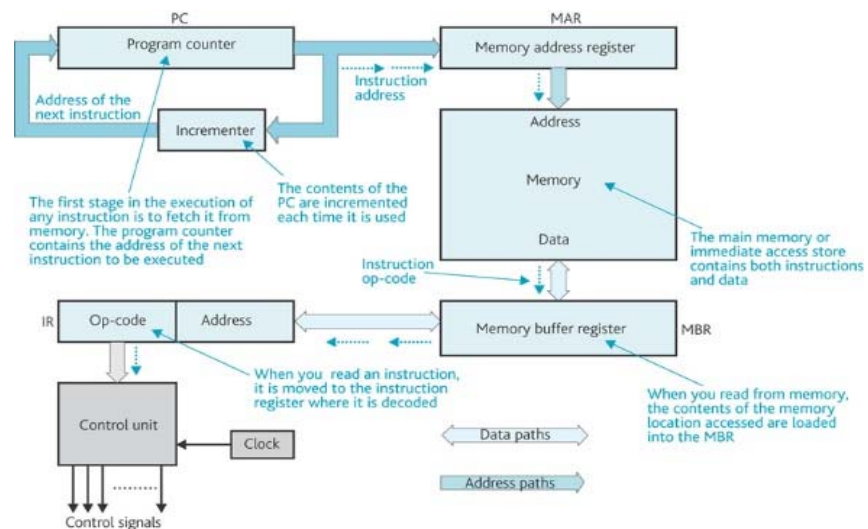
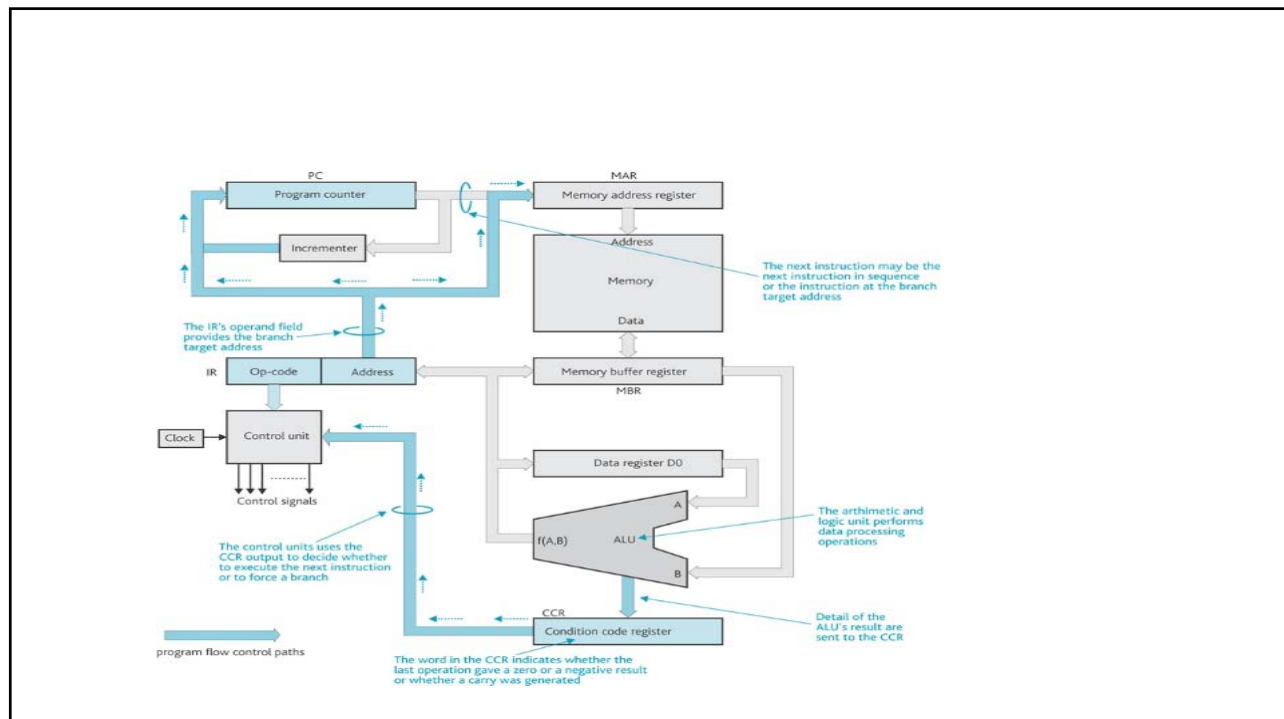
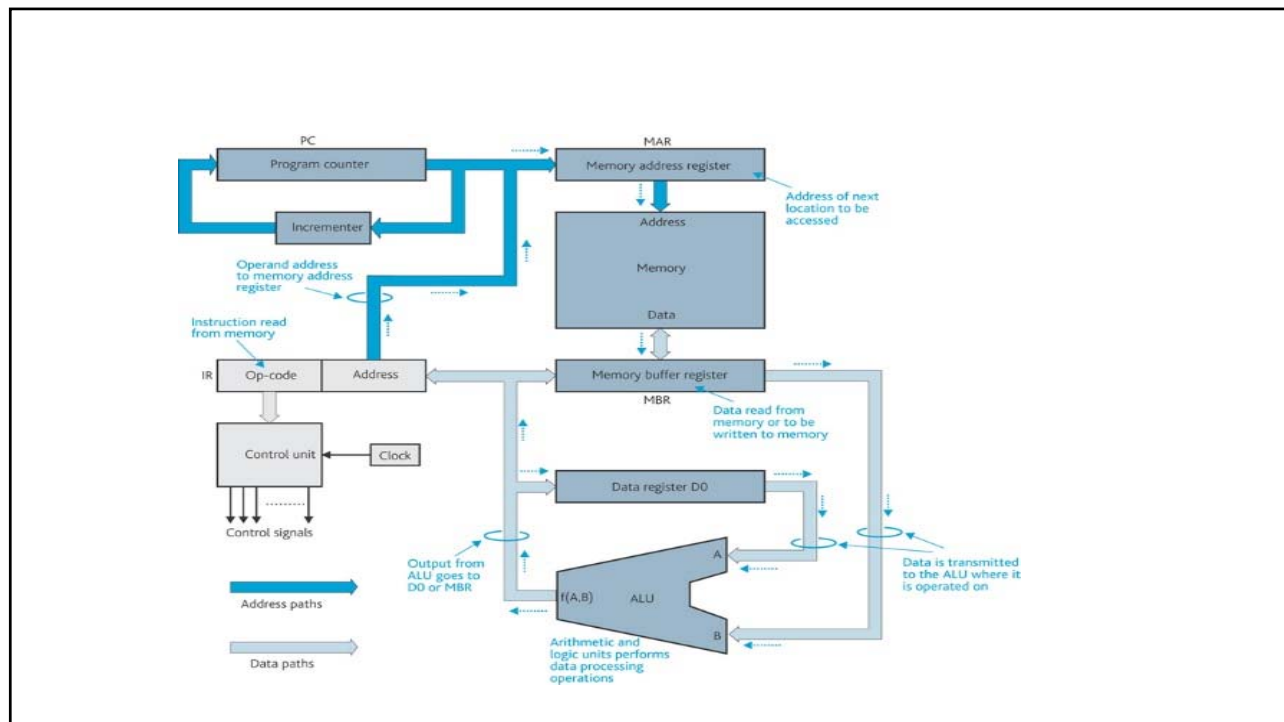
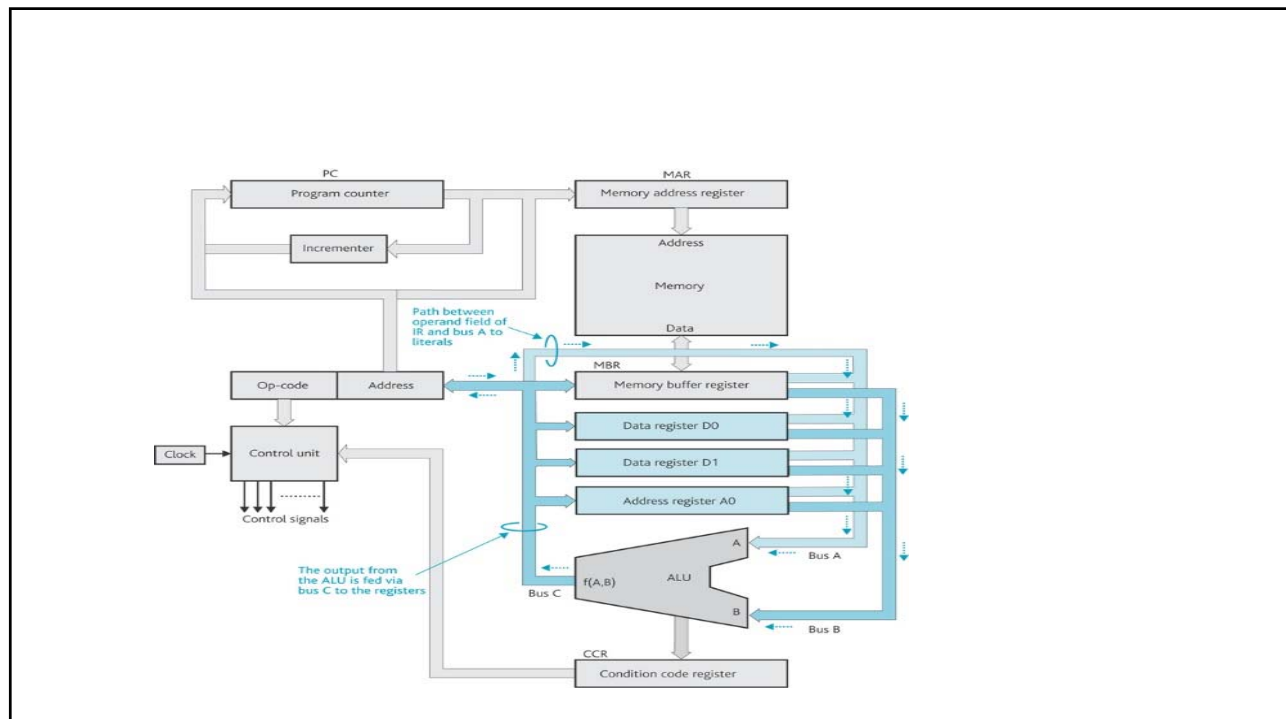
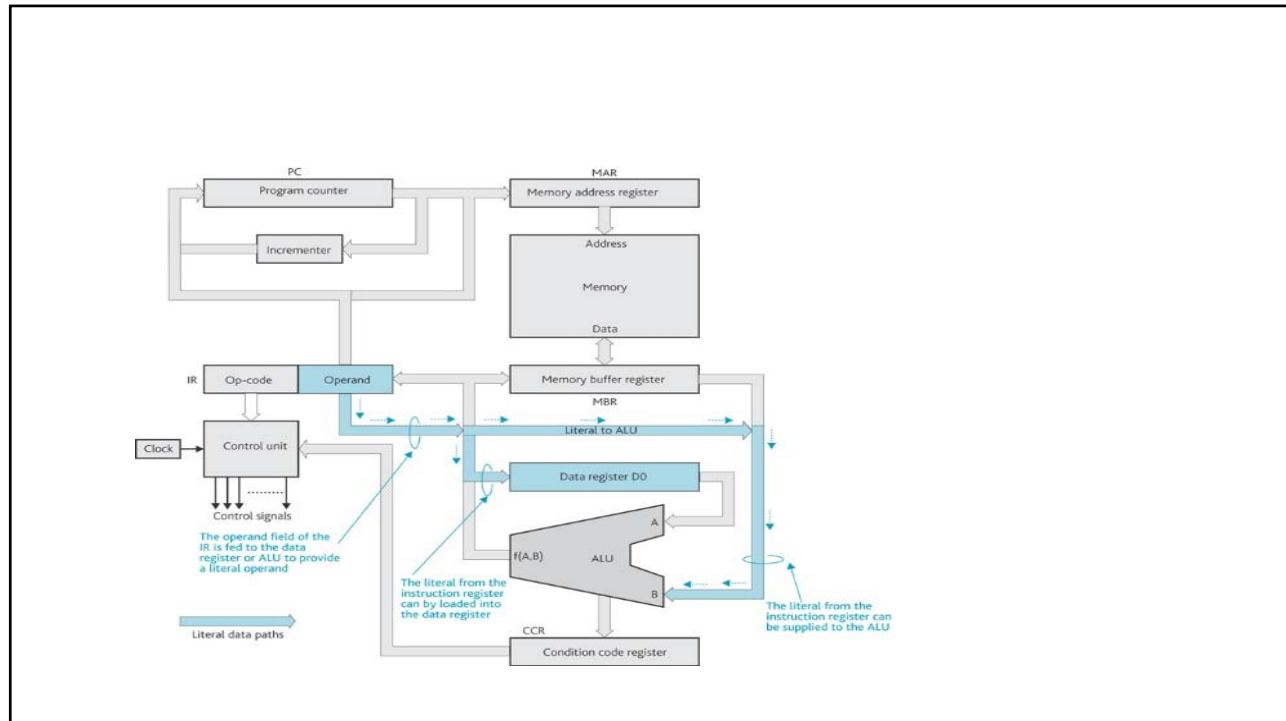
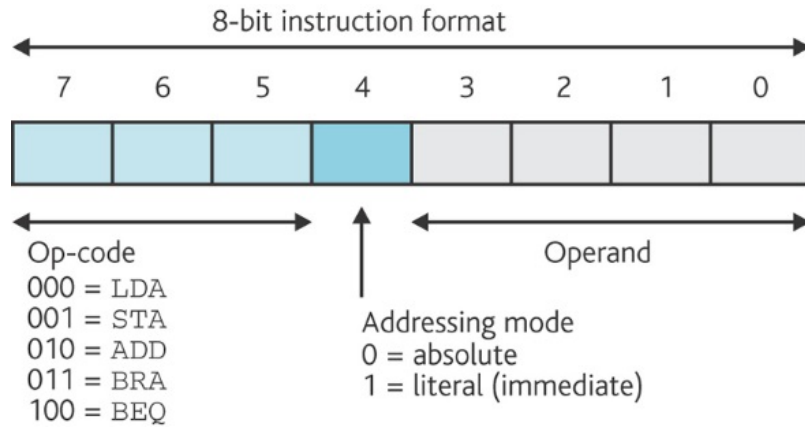


# The CPU









## CPU with a 16-bit instruction

- We will write a simulator for a CPU typical of 8-bit microprocessors.
- The simulator uses an 80bit memory with 256 locations
- Each instruction occupies

