Computer Architecture

Referance book: Computer System Architecture by Morris Mano

Chapters:

1.Data representation

2.Register transfer and microoperation

3.Basic computer organization and design

4.Microprogrammed control unit

5.CPU

6.Pipelining

7.Computer arithmetic

8.Input / Output

9.Memory

Parts of a working computer:

I/O

CPU

Memory

ALU

CU

Registers