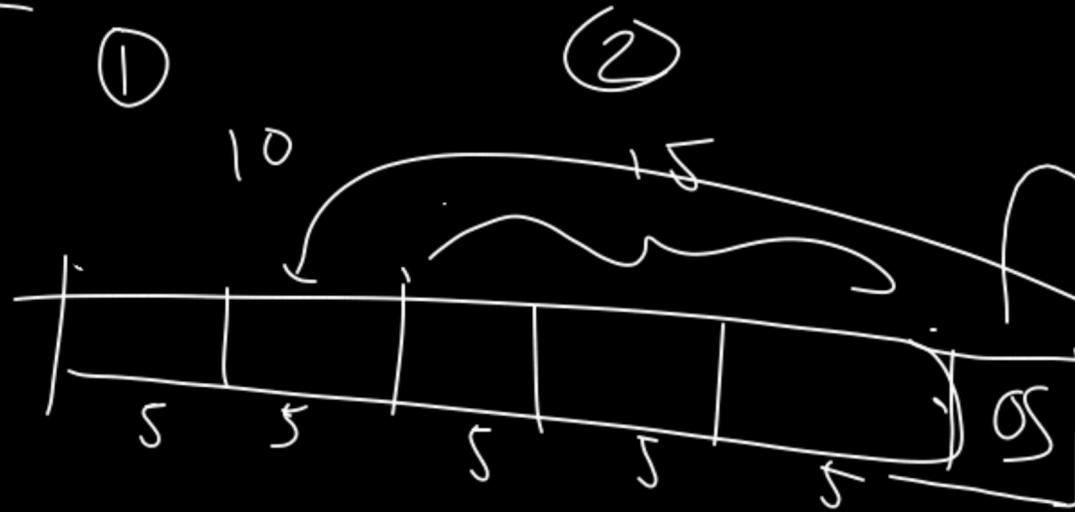


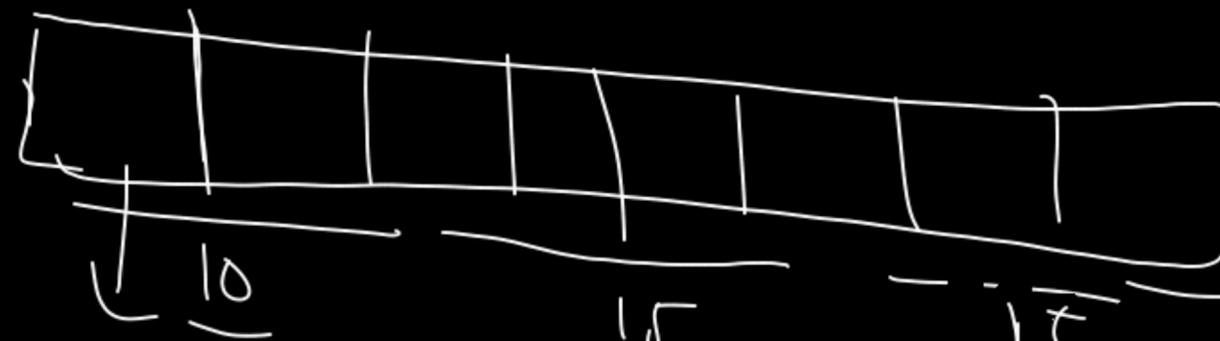
Virtual Memory

RAM - 4 GB 6 GB

Memory Management
OS



SSD



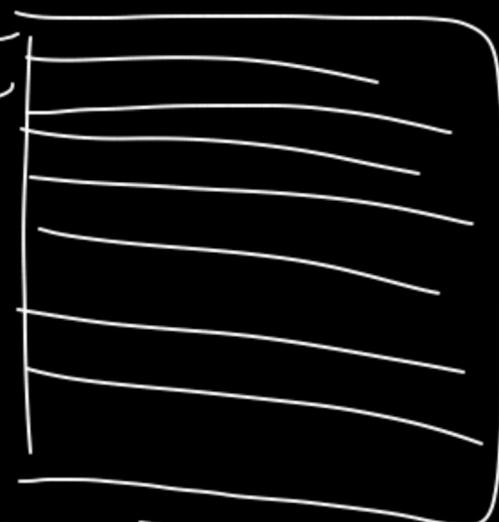
Page -> 4 KB

Register
↓
Cache

RAM

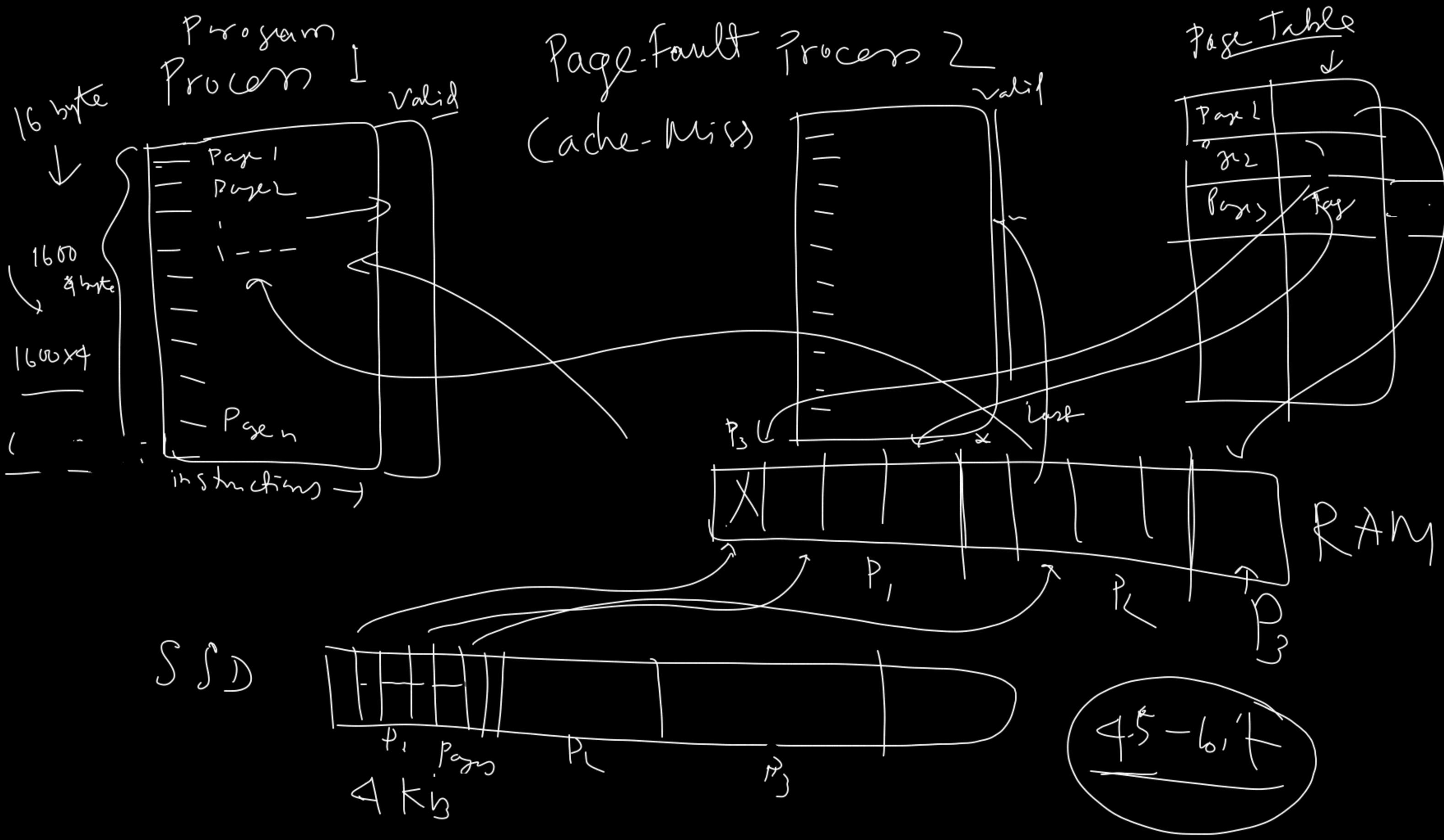
↑
SSD

Program



Page Table





SSD

4 Kb

4.5-bit

RAM

Page-Fault Processor
(Cache-Miss)

Page Table

Program Memory

16 byte
1600 byte
1600x4

Page 1
Page 2

Page n

instructions

valid

valid

P₃

last

P₁

P₁

32

P₁ Page

P₁

P₃

Page 1

Page 2

Page 3

Page

Address Translation

Memory Management

Virtual Memory

