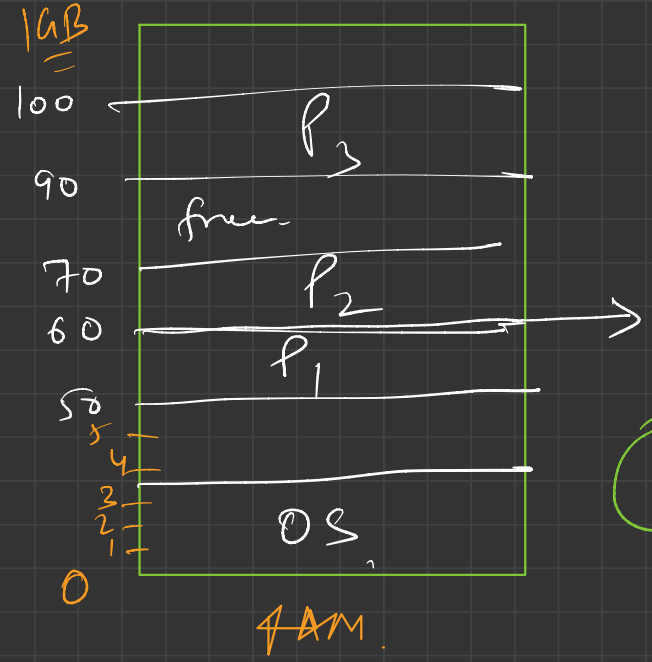
Lec-24

⇒ Multi-programming → many procen → RAM



P1

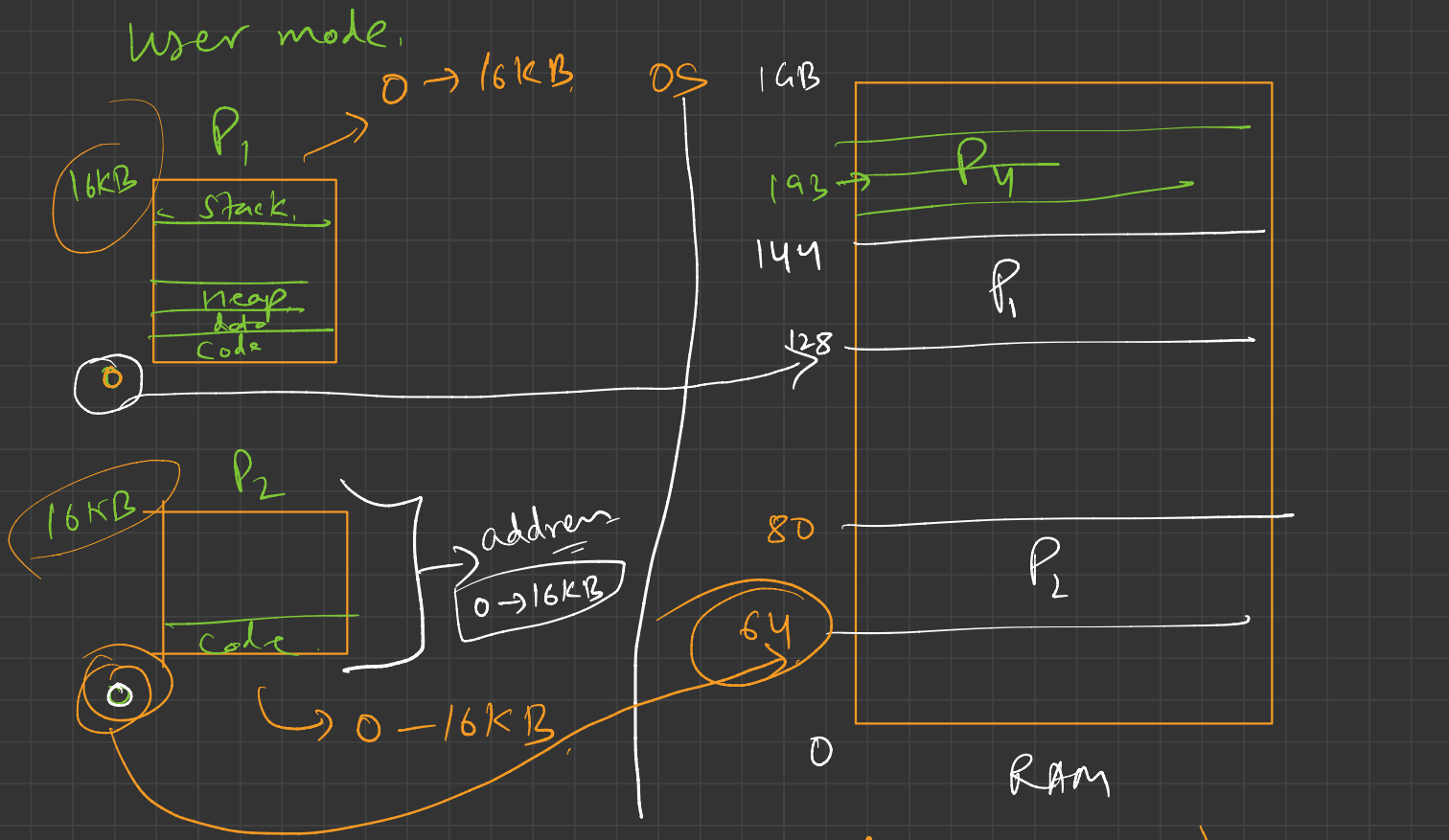
P2 P3

P1 → 50 → 60 in loc.

P1 → Program ⇒ add + 5 ⇒ data

60 + 5 ⇒ 65

access



① P_1 → Base at RAM (Physical address space)

B → 128

offset → 16

P_2 → B → 64 → start.

offset → 16

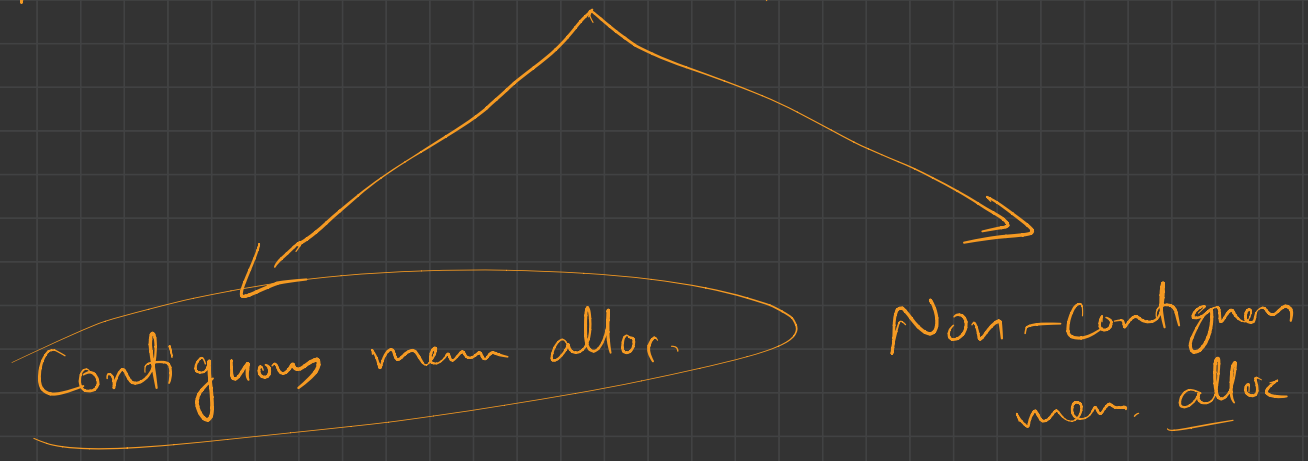
$P_2 \Rightarrow$ add $\Rightarrow$ 0 + Random value

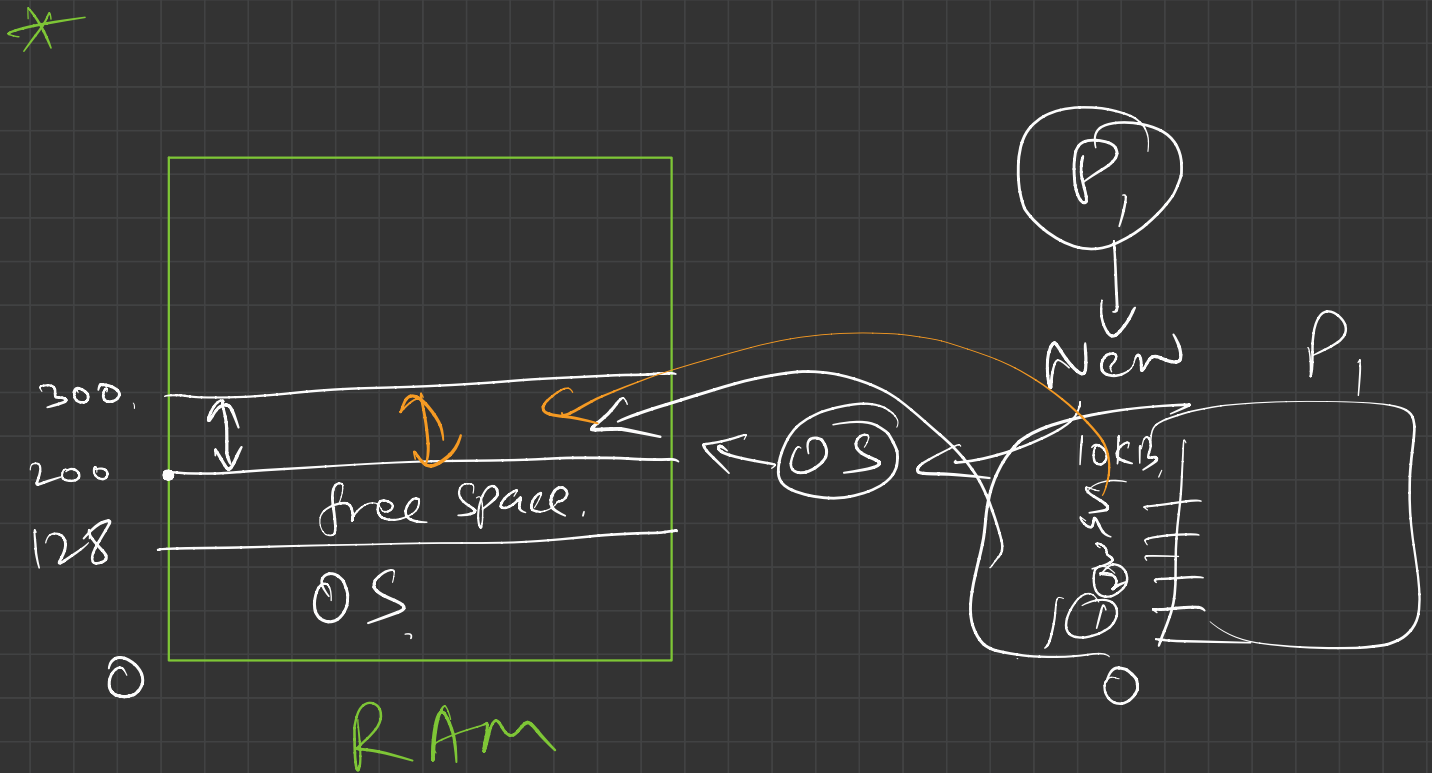
0 + 129

add $\Rightarrow$ 129.

actual Physical add: 64 + 129 = 193

→ Allocation methods in physical memory




P1
New
P1
300
200
128
0
free space
OS
OS
10KB
swap
100
0
RAM

① Contiguous → each process is contained in a single contiguous block.

①

fixed partitioning