OS C.W. 11-04-23

Memory Management

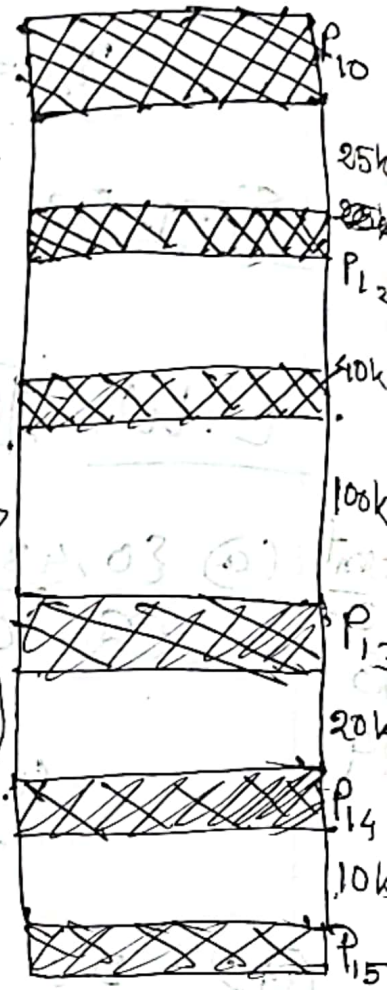
Present
10
13
24

First fit:- Allocate the first hole that is big enough.

Next fit:- Same as first fit, but start search always from last allocate hole.

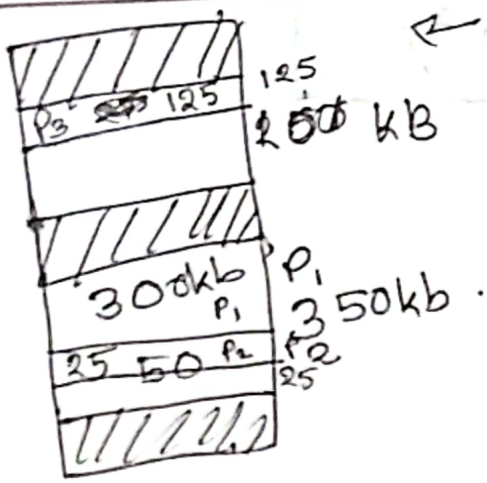
Best fit: Allocate the smallest hole that is big enough.

Worst fit: Allocate the largest hole that is big enough.



Request from process are 300K, 25K, 125K, 50K respectively. The above request could be satisfy with

① Best fit but not first fit
② First fit but not best fit
③ Both ④ None



① Best fit

For P_1 = 300kb.

B.f = 350K

For P_2 = 25KB

B.F = 150KB

For P_3 = 125 KB

B.F = 150 kB

For P_4 = 50K

B.F = 150K.

① First Fit

⇒ P_1 = 300kb

F.F = 350kb.

⇒ P_2 = 25KB

F.f = 150kb

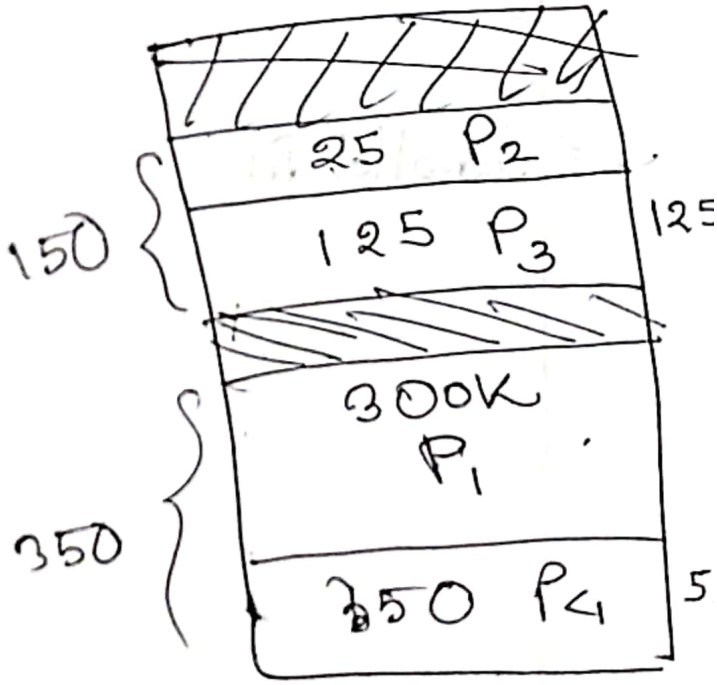
⇒ P_3 = 125kb

F.F = 150kb

⇒ P_4 = 50kb

F.F = 150

→



Contiguous

Mithun
RR - CPU -
Priority

Intro

Process

CPU

PRA

Deadlock/thread

Memory

File/Disk

Parallel Pr