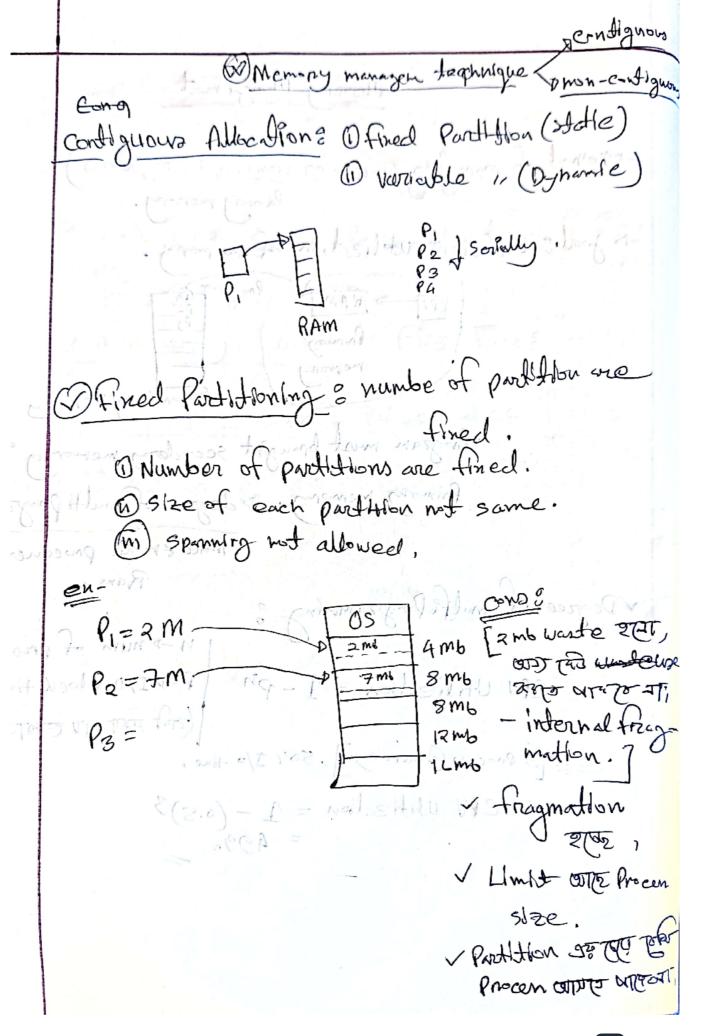
Memory Mangement m3 O Fred Part From -> Method of managing Ememories - oram, h/d, regintors.) -D goal ? Efficient Willization of memory. [CPU] > TRAM Program secondary memony be not constituted to secularly memory into Primary memory . D degree of multi programmi Bounds tom O'mone & rune process in Degree of multiprogramming ? n-D num of procen. P-DI/O block time. CPU UHISIZATION = 1 - Ph (हाखान पर १६व रिक्त) Cui [3 omcan @ meruny], 80% 1/0 Hore, notonies/CPV utitization = 1 - (0.8)3 100 9 1 mil DOTE MaitHand

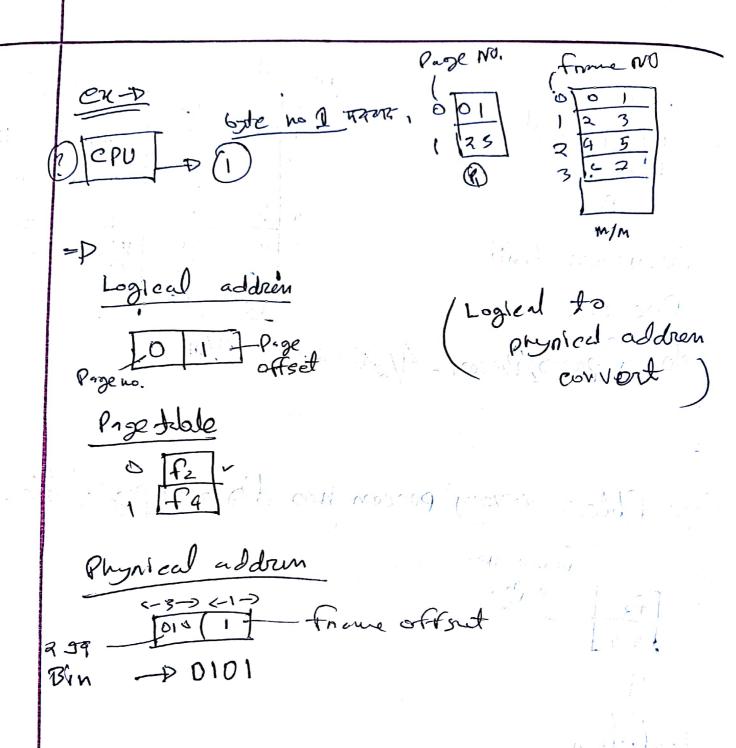
Buscon and Ald



Varlable Partiationing? Vno partiotions vull be crosted according to the 03 procen stee. P1 = 2 mb -2 mb P2=5mb 5 mb Comes cons ? v hole create procen execute memory Allreaton & Front Fit : Allocate the first rule that In blg enough. P,=15K7 W nent fit & same as first fit but (note) 25 Kg Start's searching from Jast allocated. P2= 18 401 100 V <1 2 Boot Fit & (min Internal Fragmentation) SOK will seanen all modes. .Pg = 15 best fit W Worst At & (large hole search) P=15

Secondary memory of Procen divide and forg Page 5 QN 340 TO, Main memory divide at for Frame 5 5757 20g Page Size = Frame Size Procen tout mond my mondate. . In A branging Demotice aid of the . Col of the manner that and the state of t

Frame No Byten. Page No M/m slec=16B Prone Stre= 7B No. of frames 14 = 8 frames. Procen Size = 4 KB BI 17 Page Size = 2B. No. of pages/Process = 4/2KB = 2B m/m vevery procen has H's own page table. 1010 logical phy nocal addren.



Memory in bytes addressable

Logical adhen Space / Size of procen = 4 61B

= 69 mB physical addrum speed 1

Page Stee = 4 MB

(?) Ba No of pages ? =>

(1) NO. of Framery 20

9 No. of page + ble = Dine house

9 1 3 3 1 8 11 TO AG 10 13 1

1-gled addrin phy addrin

grand toward association & All all

-Dno. of pages = 24 = 16

p no. of Fram 223 = 8

D Logical address space = 27 = 128

, = 26 = 64

Translation Lookande Buffer cash momeny logledadden TLB min # Effective accen time => FILB Hit X (TIBaccon Ame + memory accor time) @TLB minn x (TLB acen Hime + Page Lible acen fine + memory agen time).

segmentation I don't devide the process without knowing like v déviders into diffrent unit => function, obj, mobil) Add() = various size. logical addren.