www. cs. columbia. edu/njunteng/10sp-w4118/lectures/... 16 bits 6 for frame H Hen have 26 frames eachwith 210 words Pincers plage: Frame size 4/ole 37-41 each pure table light with piecess control block say have 8. bit addres physical Process x page table have & frames (36,25) 0 000 frames have 25=32 words 1 001 2 010 3 011 4 100 15 101 6 110 Piccery puphable Fire Frances but I'll wed all of process on mem atome? also peternal from on last block of process. × 8 bit logical address for process X 010 00001 pages Laffeet

Regnantation like paying with diff size Farmes can boundiff sized segments ( the frames Aspaging) like pageny logical address has 2 perts

1- logical -010 00001 segt offset

diff is the segment table bus base & length The paging the paging

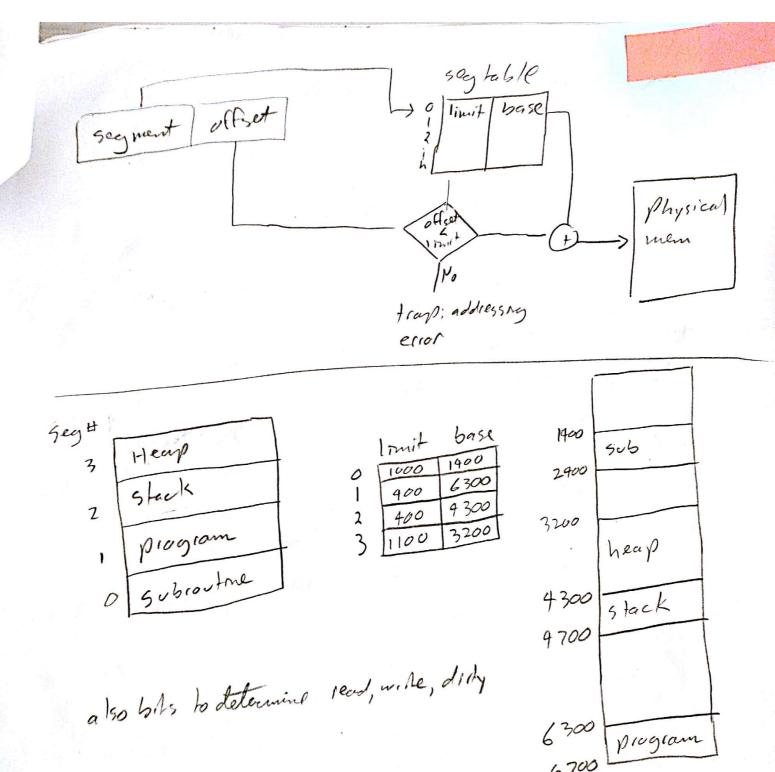
- these sequents map to blocks of memory

- no internal france (external though) best CA. First FA?

- compilers can control how process is segmented

bit more complex than smyle paying.

StA all process in men at once



Coch flame is 16 by Les

O how wany page table entries? 16

What if have 8 bit logical address? 16

2 4 4 2 214

24:16

3 how big physical pages? 29=16 centries / Frame

To how many logical (6 bits) 22=4 (8 bits) 29=16

add some bits to puch table

valid bit: map to availed physical page

read I with elexente bits

all decled by MMV on each mem access

Vrwe Px3 =	in the second
1 1 0000	
$\begin{bmatrix} \frac{2}{3} \\ \frac{3}{3} \end{bmatrix} = \begin{bmatrix} \frac{3}{1111} \\ \frac{1}{111} \\ \frac{7}{1111} \end{bmatrix} = \begin{bmatrix} \frac{7}{110} \\ \frac{7}{1111} \\ \frac{7}{1111} \\ \frac{7}{1111} \end{bmatrix}$	,
25,	
9 5	

comallocate from free-page-list, one page at a time from bead of Miss 114t.