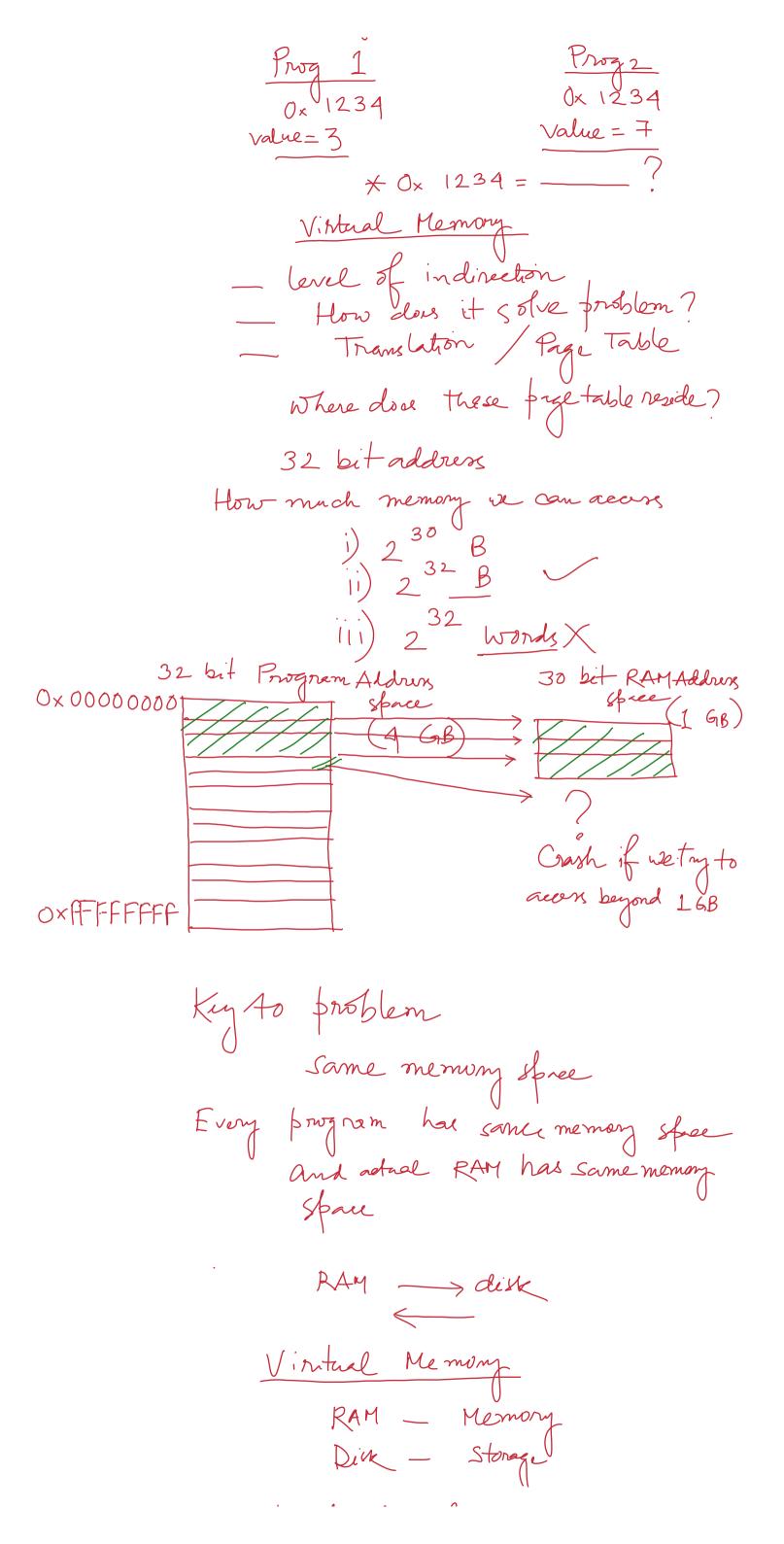
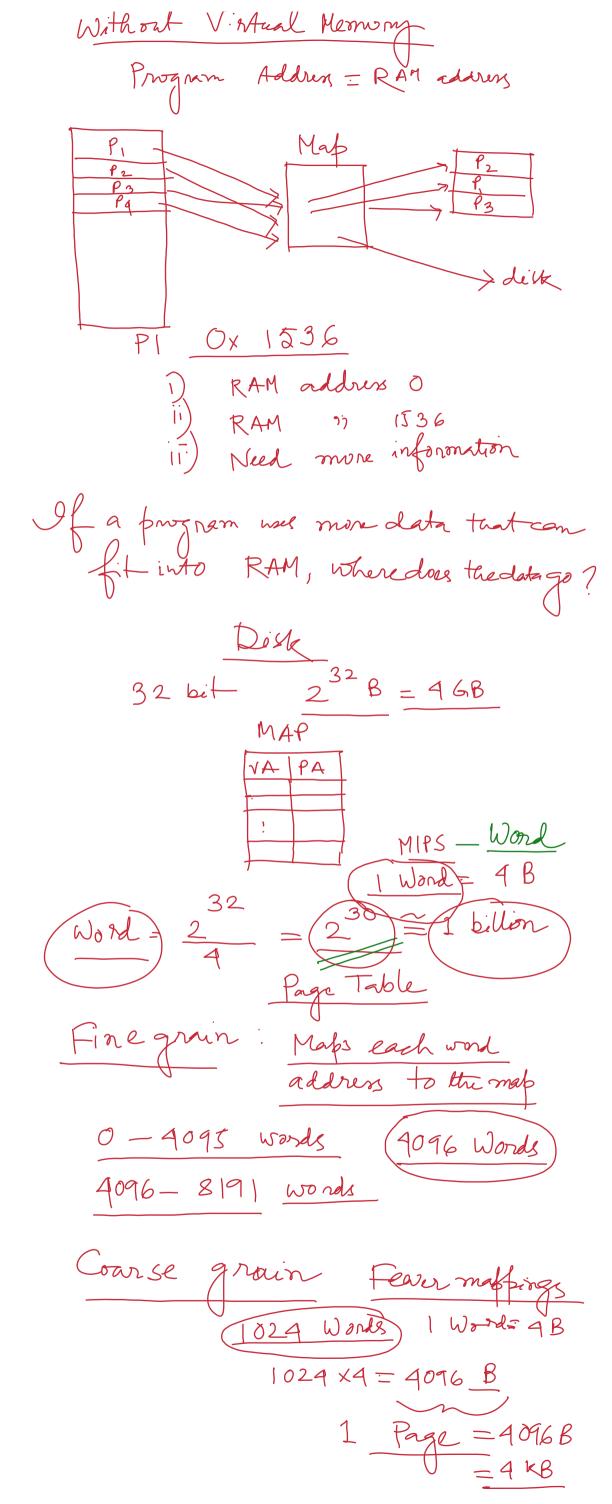
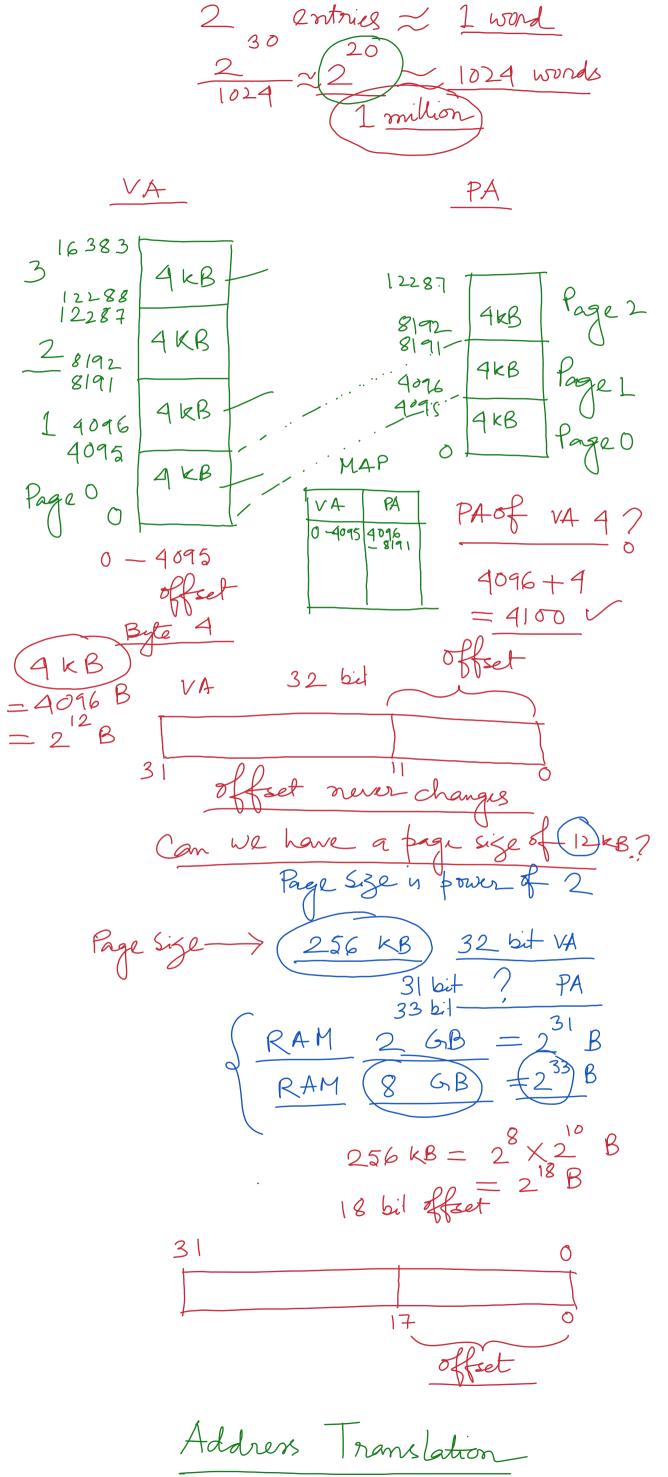
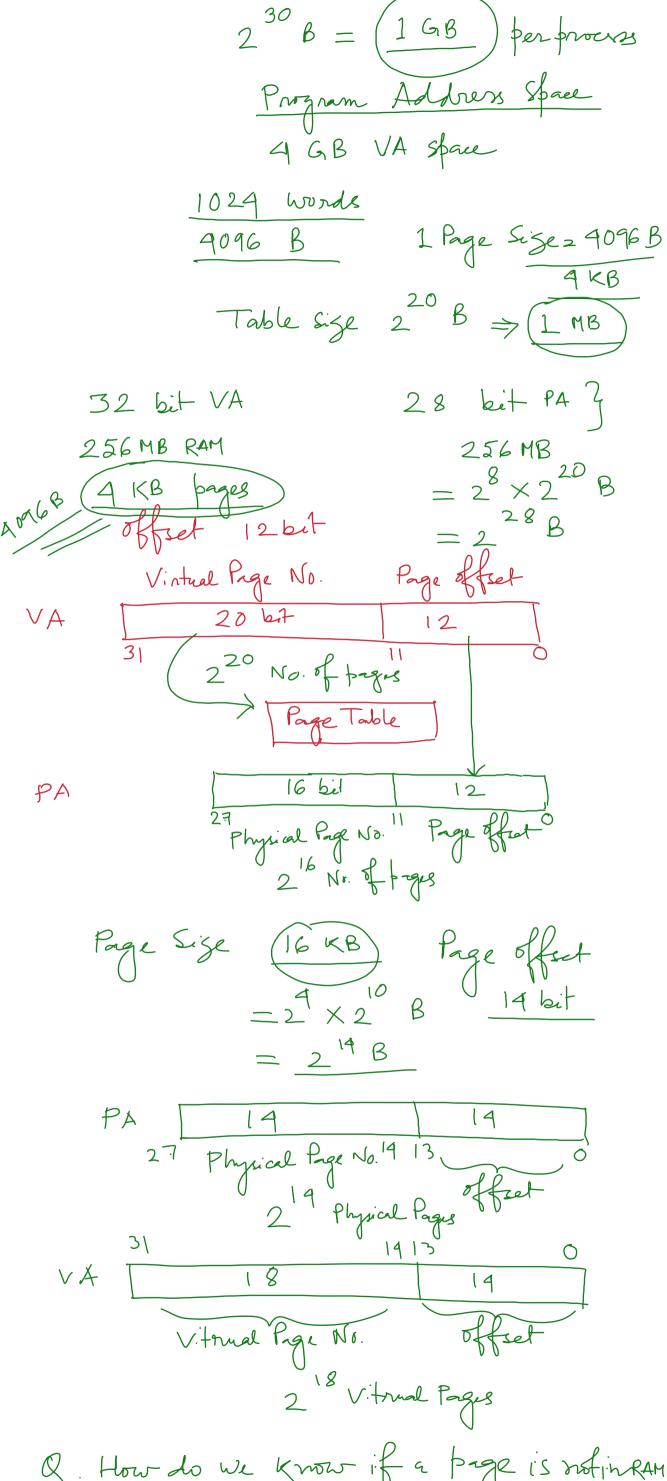
Memory Management
MFT - Multiprogramming with Fined no. of tasks
OK 0/S Internal Frequentation 40 K J1,50 Partition is of Size 100K J2. 120 K Falernal Frequentation
1) First Fil
2) Bust Fit X 3) Worst Fit
MFT suffers from Internal as wells as external frequentation
MVT
Mentiprogramming with variable no flasks
Memory holes will be created Suffers from enternal fragmentation
Suffers from enternal fragmentation
Compaction
logical addres
Physical ", RAM Address 2 GB
Three problems of memory
- Not enough RAM
- Holee in our address space
- Program writing over each other

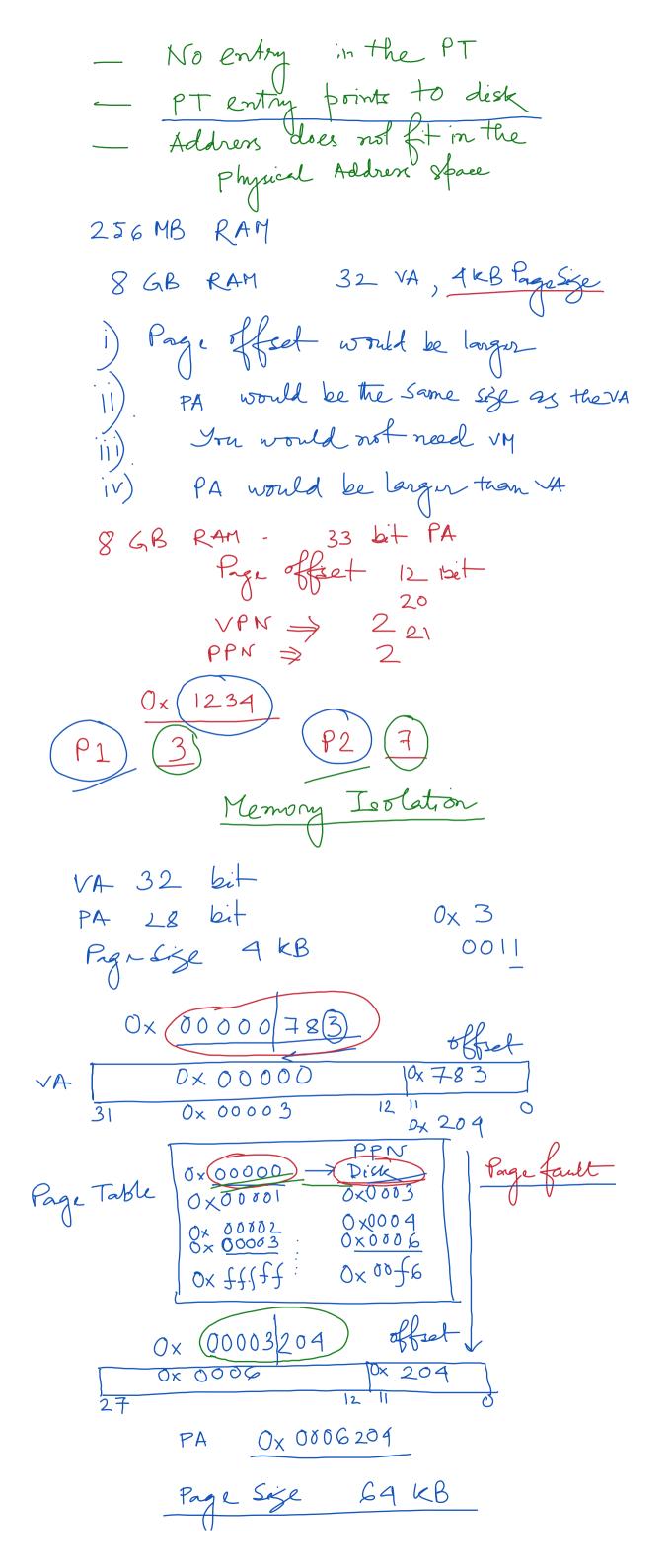








Q. How do we know if a page is notin RAM?



· PTE says the page is on disk . Layele . H/w (CPV) generates a lage fault Exception ~ loogyeles . The H/w jumps to OI page facult handler 20000 cycles - The OS chooses a page to evid from RAM and write I to disk ~ 40,000,000 cycles - Of the page is disty, its needs to be written break to lisk first - Os reads the fige from disk and 40000 roocycles it puts if in RAM Os then changes the PT tomas the new page 1000 cycles The OS jumps back to the instruction that caused the page furt ~ 10000 cycles Next time when this page is required Will it be Page fault 7 No How long does this take ? ncredibly longtime 80 onillion Cycles OSX 10.9 the OS compresses pige first. How will you the viction page? Page Replacement Algarithm Paged Translation _ Coarse 32

