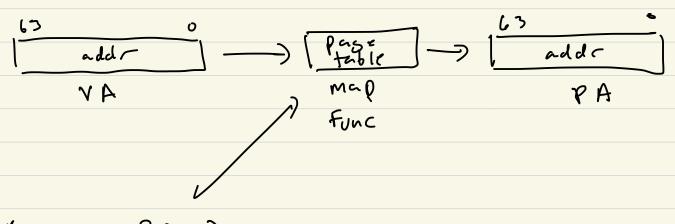


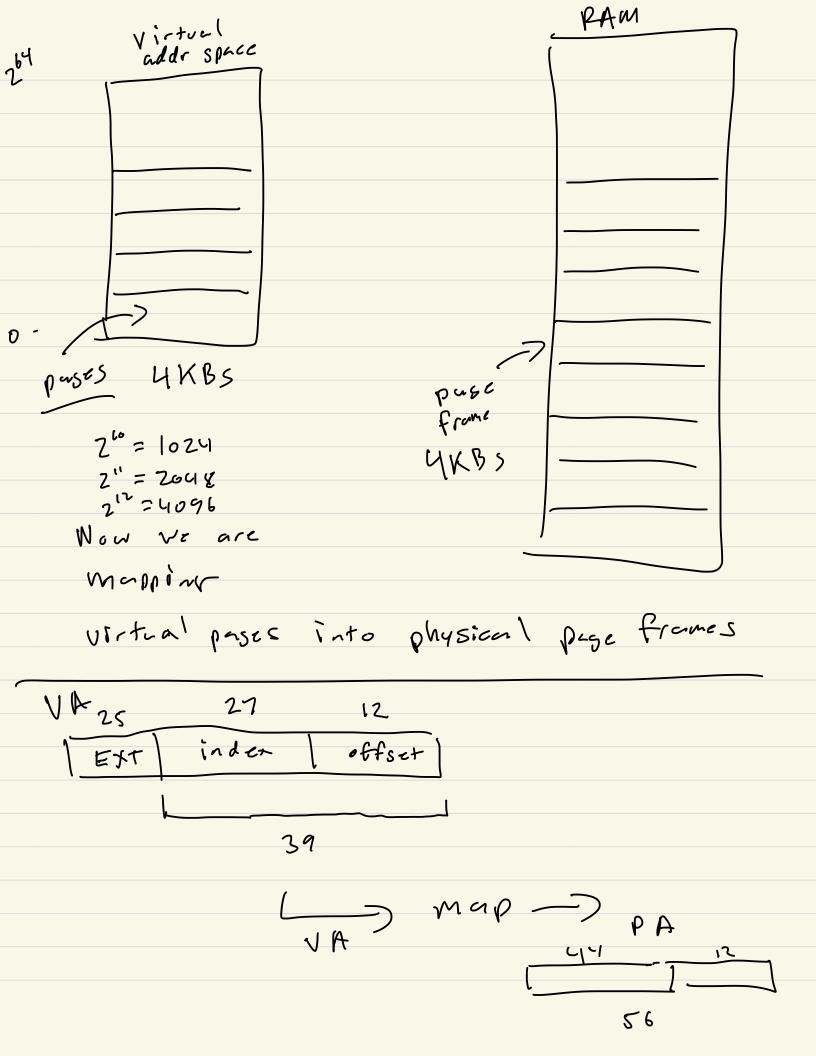


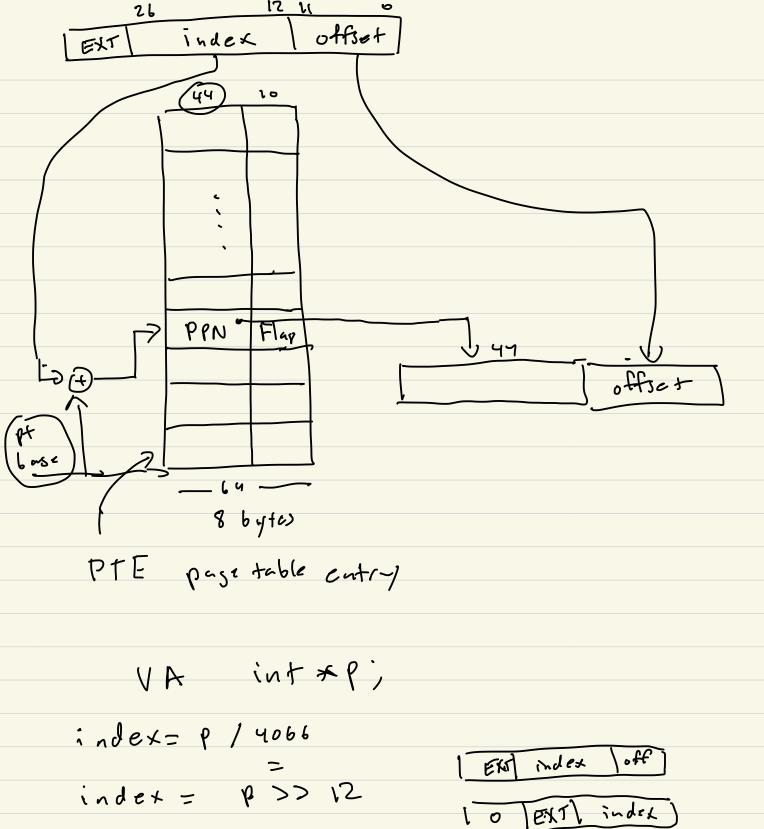
Translations

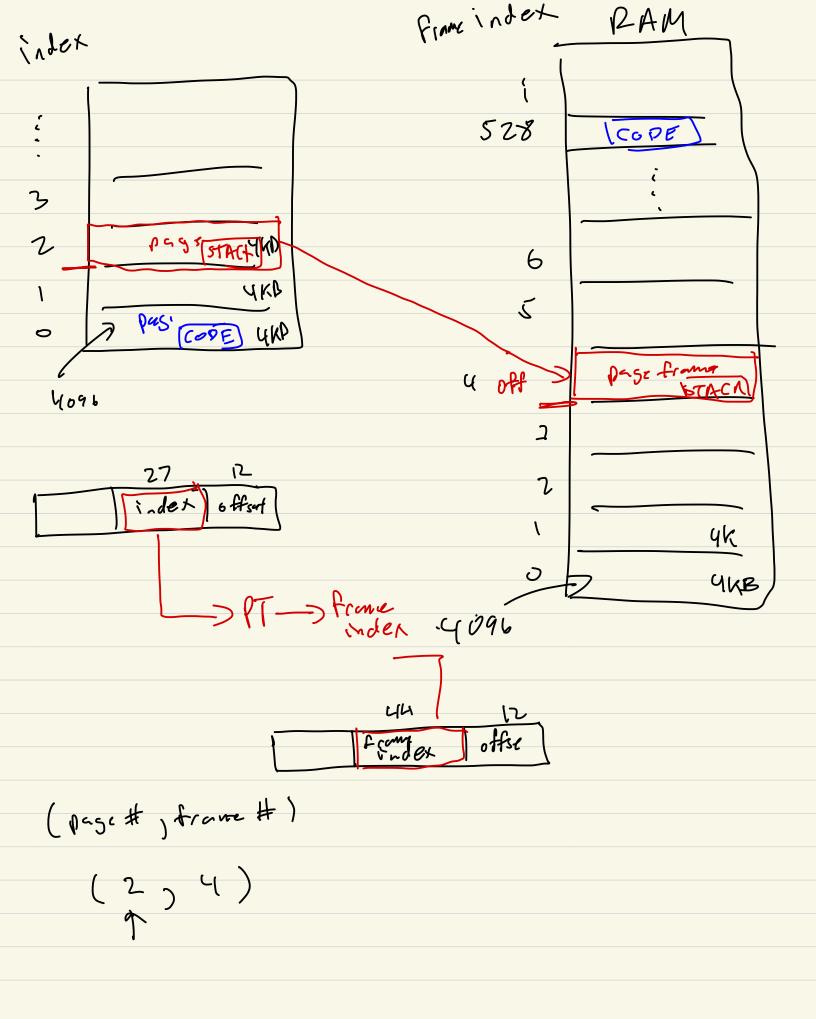
an address is 64 bits



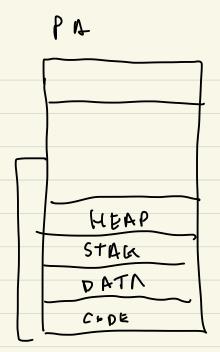
(VA., PA.) (VA., PA.)







index bits = 27 flow many entries in the page table? L 6:15 24 = 16 sizeof(PTE) = 8 bytes 3210 927 * 8 2²⁷ * 2³ = 2 = 1 GB 17 9 25 12 offset Ll 40 VA EXT L2 - 864tes-1 511 [2 11N-(H) PPN-PPN (t) buse -> b=54 Satp_ pase pase table P31 directicies 512 x8 = 409b o Age ppN 29 x 23 = 712 A g



$$SZ$$
 pases
$$5(2 \times 4k)$$

$$2^{9} \times 2^{n} = 2^{21}$$

$$2 \times 2^{n}$$