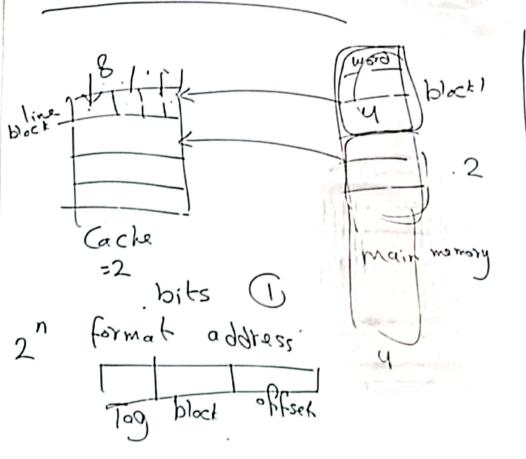
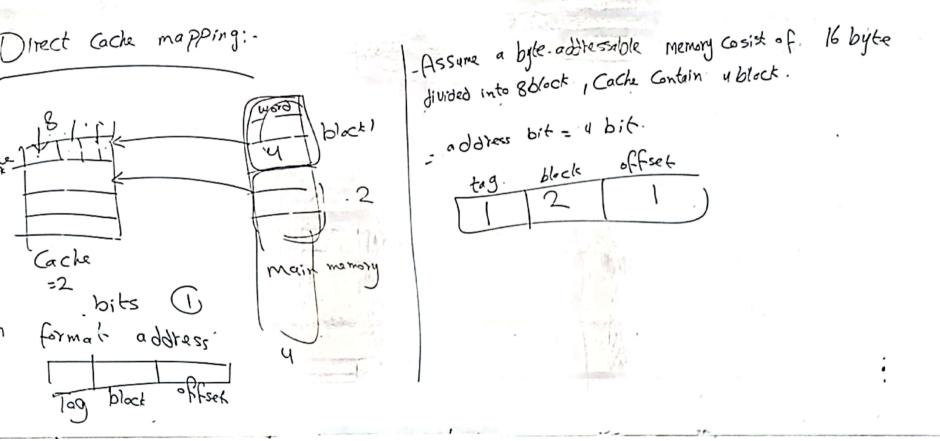
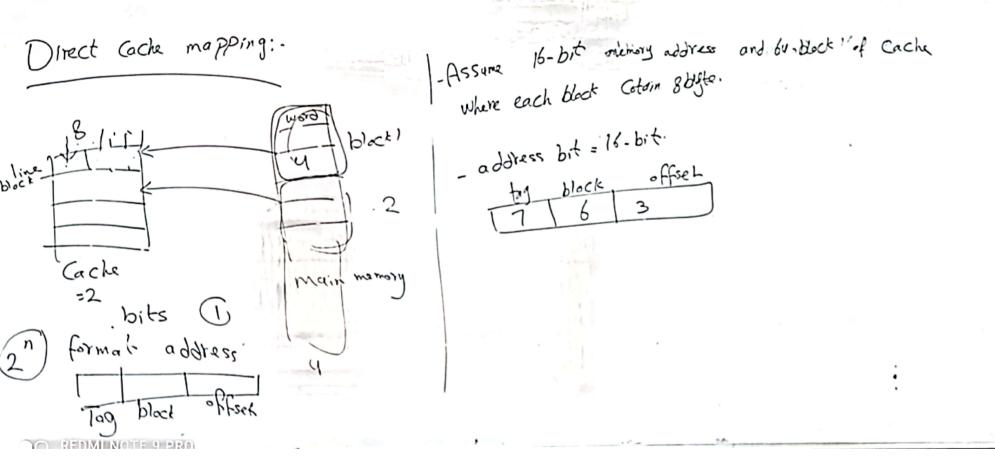
Direct Coche mapping:.

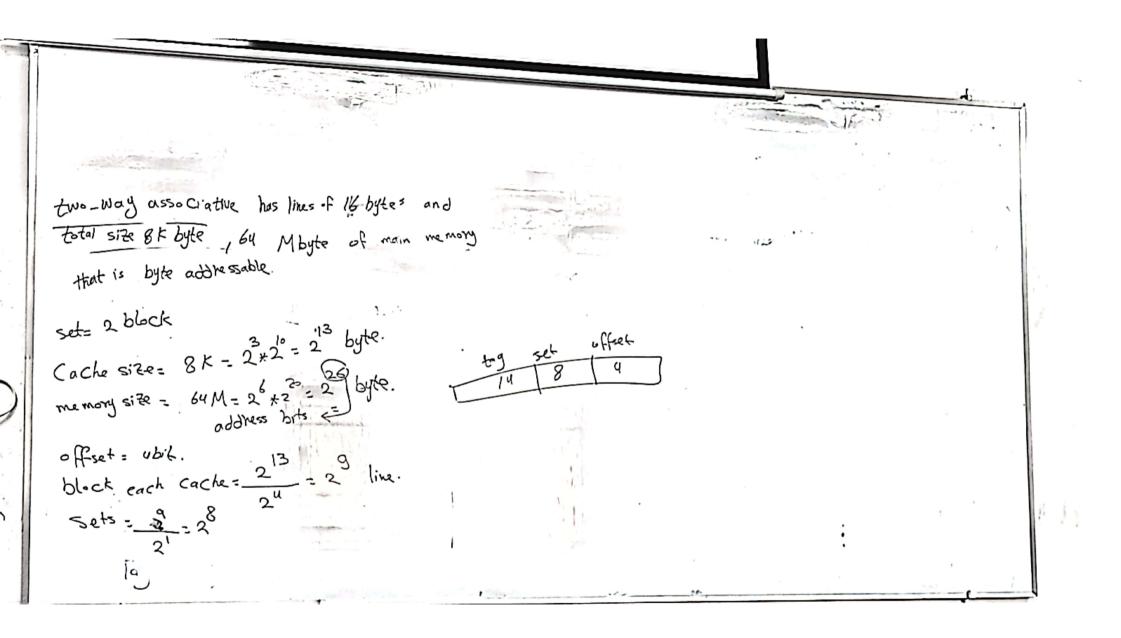


Consider - abyte addressable main remove consist of 4 blocks and cache with 2 blocks block is ubyte. word size = 1 byte memory size = ux 4=16 byto. = 2 byte address bits = u bits. offer = 5 pif block=1

lirect Cache mapping: . -Assume a byte-addressable memory cosist of 214 byte , Cache has 16 blocks, each black has 86/te. - memory size = 2 byte address bit = black 1 Hock Cache format address plock TOD







using 2-way set a ssociative with byte addressable main memory of 2 byte, cach with 15 block and block contain 9 byte. ock = 8

Scanned with CamScanner

a byte addressable , Cache Consist of 32 line, cachiedade Contain 16 byte using 1(2) fully associative a-way so associative. 11) Drect offset offeet tag offset place tag 13 bit u ubit 16 5 bit u bit n. sets=8=23