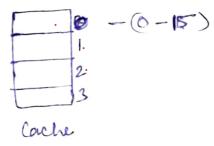
Associative Mapping

In full Association Mapping

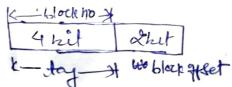
. A block of main Hemory Can map of dry line of the Cache Street is freely available at that moment.

· This makes fully associative mapping.

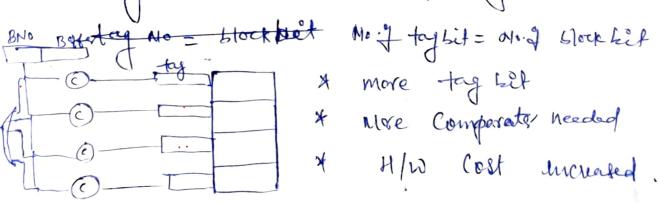
Suppose physical Address Lit = 6



block 813e = 4'



as any block of MM Can Map any cache lines



Set Associative Mapping

Suppose MM Size = 64 Byte

Mapping function

Couche Size = 32 Byte Block Size = 4 Byte

Conche Set NO = (MM Block NO) modulo

Set 8ize = 2 lines

(No. 4 Sets in Cache)

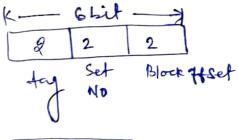
2 may Set Association

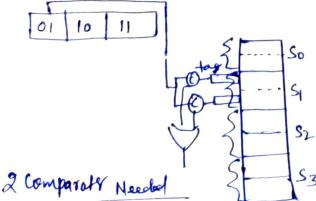
lines = Couche Size = 832 = 8 lines Block Size 4

Sets = lines = 2 = 4 Sets. Set 8:3e

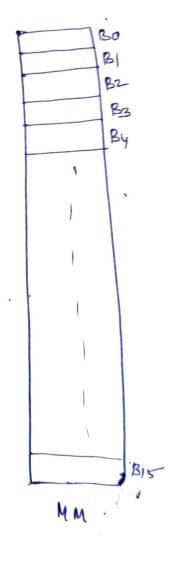
So { F	30
SI {	3
S2 {	4 5
\$3 {	7

Cache





Ceche



k-way set sossociation k Composater Heeded