5 (Cache Memory)

Associative Happing

aby black Frame.

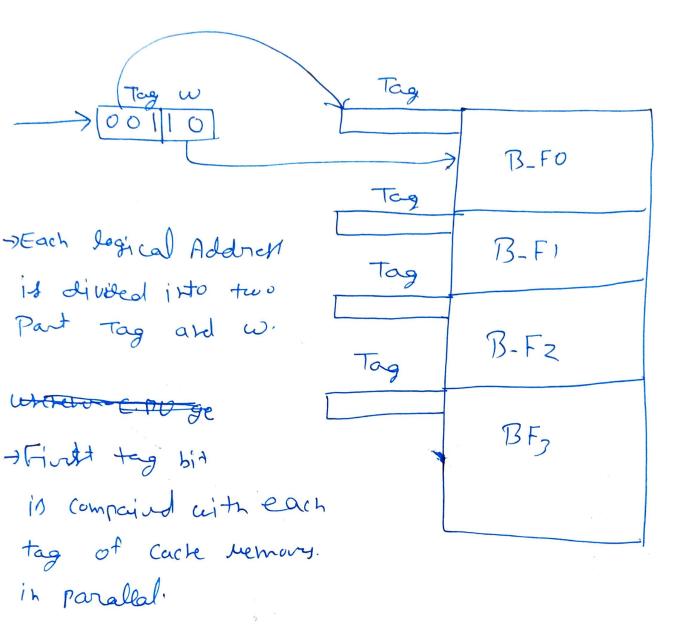
->		C. M
	0173	B-Fo
		B-FI
		B. F2
		B.F3
	15	B-F W /

	Д. Д
0173	Bo
3	B1
	B2
	\mathbb{B}_3
	B4
	134
	135
	\mathbb{B}_{b}
	B7
31	
7	$\frac{3}{3}$

Associative Mapping

Tag	W
3	3

7 (Cache Hemory) 6- C. M

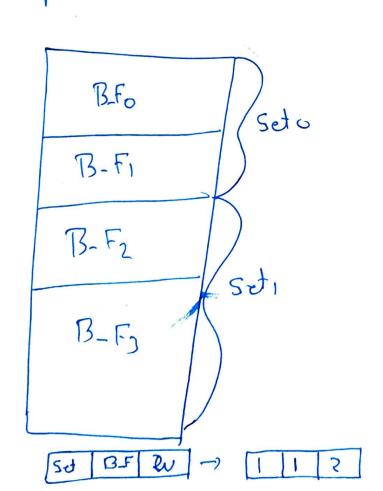


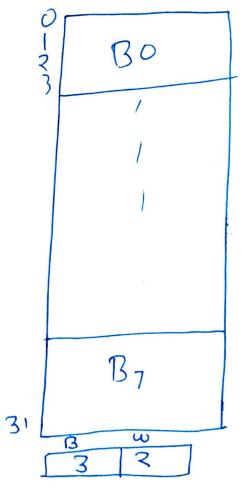
aldress) Marci leable in cache. Otherwish a cache risk of occare.

7 (Cache Hemory)

Set also ciative

- -) combination of associative and direct
- -) Place Block Farms are grouped together & to farm sets.
- It allows the mappins of a black to reside In any block-frame of a specific sel.
- Therefore, sets Guestie the implement the district mapping and with it he set associative mapping i'll per furned.

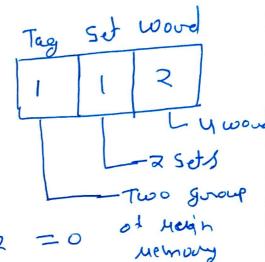


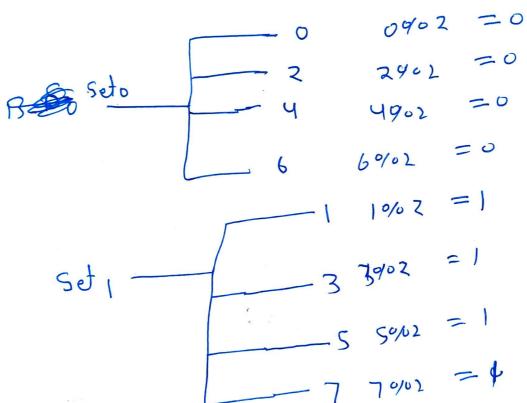


8- (C-M)

Mapping function







1

2.5

Divied Mapping

Associative Maprile

Set Albocative Mapping

Block; % # Sets = 1

Block-France Replacement

- -> 9h any types of Mapping, often we heed to neplace one block by another block.
- -> To perinn this tark some specific algorithm

 18 and such as LRO (Least merently used)
- The trin algorithm, the belocker block older block heed to replaced by heurest block.
- Along with the information M.M.U also reachtain one bit corner polding to each Black- Frem, dirty or Modify bit. Then bit indicated for Modification of a black.
- operations on orequired
 - 1- Tratefor desta from C.M to M.M 2- 11 1 1 M.M to C.M
- -> 9f it is o only one memory operation
 in required
 1- transfer lada from M.M to C.M.