

Direct Mapping Instead of storing total CPU Address one part of it is stored as the cache address (Index) along with the Data Value. n bit Addren CPU sends Index Lower (m) bit (n-m) bit= CPU usea m-bit (Index) to Gearch of cache 2m and total capaciti n) m (always). Suppose, is n > OOFF. Then, Index > PFJ > part is stored with Tag > 00 [-> wearls whe flag Under 1 Index number numerous tag values. B.g. 000 OOPP 1) Index.

	Page: Date: / /
how	Index Tag. Data.
	Index M
	n-bit.
	Index Match + Tag Match -> Cache Wit.
3000	
	Dince, Index is > Then tag, is o cache wit devicemed. Do, Block number is incremed.
	Blockno
	Tag Block [word"
10-11	Suppose, 256 Spaced = 28, =8bit.
	then, 8 block number meile be
	produced.
	K-Way (Set Associative Mapping). (Tag-Data pair).
	Improved version of direct Mapping
	Under Pf K-Way mapping, then K Tag-Data pair will be present
	Suppose 2- Way, the 2 Tag-Data pair
	Index Tag Data Tag Data.
	00 01 52 02 17
	Inchex sthen Tag Data is matched, then its a cache hit.





























