

	counter =	DATA	counter.	0 a Ta
0	81	om o H	0	ויוויו
)	0	41 M	O	124 GM 20 M
2	0	2 10 M	0	126 <sup>M</sup> , 126 <sup>H</sup>
3	0	3 <sup>M</sup>	0	127-M

Addresses Sequence Generaled by CPU i, BC9), A(0), 1,8[8], A[1], i, B[7], A[2], i, B[6], A[3]. i, B[s], A[u], i, B[u], A[s], i, B[3], A[6], i, B[2], A(7). 1, B[1], A[8], 1, B[0], A[9] => so total request one 30 on order so it follows the incept of spatially beatly first let consider block slee 8 -> LRU 0 + Alos1, 2, 3, 4, 5, 67, 3 1 | B(9,8,7,6)5,4,3,2,17. when consider blak size . 8 - it creates Problem. as 3 variable are assessed simultaneously, all of resides in degreent block. Only two can be 1 [3(9,8,7,6)", B(8) + B(7), B(4)" B(543,2), B(4), B(3), B(2) A(0,1,2,3), A(1), A(1), A(2), A(3), A(41,6,7), A(5), A(5), A(6), A(7) 3 [A(S), A(9), B(), B()] , A(8) H, B(9) H, B(1) H

Block size =2	
O [[531] ", 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	=[9]
B(8,9), 8(8) A [6,7], A (7) H	2
2 Alouth, A(+) H B[O,1] M., B(O) A	2
3 B(6,7) M, B(6) H, A[8,9] M, A[9] M	2
4 A(23) M A(3) H	
5 B(4,5) B(4)H	-
G A(4,5) M A(5) H	1
7 B(3,3) <sup>M</sup> , B(2) <sup>H</sup>	
73tal hut = 19	, ,
Total Miss = 11	
Hel = 18 < 24 30	
So blak size = 4 is.	feasible

$\frac{2 \pm 4}{2}$ $\frac{4}{2}$ $\frac{4}{2}$ $\frac{4}{2}$ $\frac{4}{2}$ $\frac{4}{2}$	(1,6) (2,3) (5,6)	(3)	NAR , 6) , 4) , 3)	
b). (1,6) i) (2,3) (5,6)	(2, 6) (21, 4) (3, 5			
fetch ii) 1, 2	Execut * +	And	write	cycles   1
3,4	2 1			2
3 4	2 1			)
34,	2 4 6 6 6	3	1 2 3 4,	5 7 8 9