## CS 544, Cache Policy Worksheet

Problem 1	FIFO, size 2:	1, 12, 23, 31	recent
Data Hit?  1	ŀ	Hit Rate: <u>20%</u>	
Problem 2	LRU, size 2:	A, AB, BA, AC	recent
Data Hit? A X B X A V C X A V	ŀ	Hit Rate: <u>40%</u>	
Problem 3	FIFO, size 3:	W, WX, WXY, XYZ	recent
Data Hit? W X W V X X Y X Y V Z X Y V X	N H	Hit Rate: 50%  Miss latency: 20 ms  Hit latency: 0.1 ms  Average latency: 10.05	

Problem 4	LRU, size 4:	3, 34, 345, 3456, 4567, 5673, 6734, 7345, 3456, 4567	recent
Data Hit? 3 X 4 X 5 X		Hit Rate: <u>0</u>	
6 X X X X X X X X X X X X X X X X X X X			
Problem 5	LRU, size 5:	34567	recent
Data Hit? 3		Hit Rate: 50%	