

Problem 1

(a) LRU Replacement Policy

Instruction:	1*	2*	3*	<u>1</u>	4*	5*	<u>3</u>	<u>4</u>	1	6	7	8*	9*	5	10
Frame 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Frame 2		2	2	2	2	2	2	2	2	2	2	2	2	2	2
Frame 3			3	3	3	3	3	3	3	3	3	8	8	8	8
Frame 4					4	4	4	4	4	4	4	4	9	9	9
Frame 5						5	5	5	5	5	5	5	5	5	5
Frame 6										6	6	6	6	6	6
Frame 7											7	7	7	7	7

Note: pages in bold are pinned.

(b) Clock Replacement Policy

