Assignment 21	**Name: Sverrir Sigfússon**																							
FIFO (using either FIFO-queue or circular buffer)																								
Reference number		1			2			3			4			5			6			7			8	
Page reference string		0			1			3			1			2			0			1			2	
Read/Write access		R			R			W			W			R			R			R			W	
Frame 0	->	0		->	0		->	0		->	0			2			2		->	2		->	2	
Frame 1					1			1			1		->	1			0			0			0	
Frame 2								3			3			3		->	3			1			1	
Number of page faults:	6																							
Second-Chance/Clock																								
Reference number		1			2			3			4			5			6			7			8	
Page reference string		0			1			3			1			2			0			1			2	
Read/Write access		R			R			W			W			R			R			R			W	
Frame 0	->	0	R		0	R		0	R	->	0	R		0			0			0			0	
Frame 1				->	1	R		1	R		1	R	->	2	R	->	2	R		2	R		2	R
Frame 2							->	3	R		3	R		3			3		->	1	R	->	1	R
Number of page faults:	6																							
Enhanced Second-Chance (NRU)																								
Reference number		1			2			3			4			5			6			7			8	
Page reference string		0			1			3			1			2			0			1			2	
Read/Write access		R			R			W			W			R			R			R			W	
Frame 0	->	0	R		0	R		0	R		0		->	2	R		2	R		2			2	M
Frame 1				->	1	R		1	R		1	RM		1	RM	->	1	RM	->	1	RM	->	1	RM
Frame 2							->	3	RM	->	3	M		3	M		0	R		0			0	
Number of page faults:	5		Note: A periodic reset of the																					
			immediately after the 3rd and the 6th reference.																					
Classes used by NRU	1. (,) Not referenced, not modified.																							
	2. (, M) Not referenced, modified.																							
	3. (R,) Referenced, not modified.																							
	4. (R, M) Referenced, modified.																							
Least-Recently-Used (LRU)																								
Reference number/Time		1			2			3			4			5			6			7			8	
Page reference string		0			1			3			1			2			0			1			2	
Read/Write access		R			R			W			W			R			R			R			W	
Frame 0		0	0		0	0		0	0		0	0		2	4		2	4		2	4		2	7
Frame 1					1	1		1	1		1	3		1	3		1	3		1	6		1	6
Frame 2								3	2		3	2		3	2		0	5		0	5		0	5
Number of page faults:	5																							
Optimal (OPT)																								
Reference number		1			2			3			4			5			6			7			8	
Page reference string		0			1			3			1			2			0			1			2	
Read/Write access		R			R			W			W			R			R			R			W	
Frame 0		0			0			0			0			0			0			0			0	
Frame 1					1			1			1			1			1			1			1	
Frame 2								3			3			2			2			2			2	
Number of page faults:	4																							