Box:\_\_\_\_\_

## CSSE 332 – Operating Systems Rose-Hulman Institute of Technology Computer Science and Software Engineering Department Page Replacement Policies

Name:

	Fill in each	table,	using th	e given j	page rep	lacemer	nt policy				
	• Assur	me the	process l	nas a fix	ed resid	ent-set s	size of 4	frames	which ar	e initial	ly empty.
	• The	top row	of the ta	able give	es the pa	age addr	ess strea	am.			
			gives the and wh			_			_		erence for
	• A pa	ge fault	s occurs	wheneve	er a refe	renced p	page is n	ot in a	memory	frame.	
Pro	<b>blem 1</b> (5 po	oints) <b>F</b>	IFO (firs	st-in, fir	st-out)						
		4	2	4	5	1	88	77	88	3	4
	Frame 1										
	Frame 2										
	Frame 3										
	Frame 4										
	Page fault?										
Pro	<b>blem 2</b> (5 po	oints) L	RU (leas	st recent	tly used)	)					
		4	2	4	5	1	88	77	88	3	4
	Frame 1										
	Frame 2										
	Frame 3										
	Frame 4										
	Page fault?										

**Problem 3** (5 points) **Optimal** assuming the stream continues with:

4 88 2 5 6 6 5 4 2 2...

	4	2	4	5	1	88	77	88	3	4
Frame 1										
Frame 2										
Frame 3										
Frame 4										
Page fault?										

**Problem 4** (5 points) **Clock**. Use an "\*" to indicate that the referenced bit is set and show the next frame pointer, as we did in class.

	4	2	4	5	1	88	77	88	3	4
Frame 1										
Frame 2										
F 2										
Frame 3										
Frame 4										
Page fault?										