

### FIFO Page Replacement

1	2	3	4	1	2	5	1	2	3	4	5
1	1	1	4	4	4	5	5	5	5	5	5
	2	2	2	1	1	1	1	1	3	3	3
		3	3	3	2	2	2	2	2	4	4
F	F	F	F	F	F	F			F	F	

Number of Page Fault = 9

Belady's Anomaly

### Optimal Page Replacement

1	2	3	4	1	2	5	1	2	3	4	5
1	1	1	1	1	1	1	1	1	3	3	3
	2	2	2	2	2	2	2	2	2	4	4
		3	4	4	4	5	5	5	5	5	5
F	F	F	F			F			F	F	

Number of Page Fault = 7

### LRU Page Replacement

1	2	3	4	1	2	5	1	2	3	4	5
1	1	1	4	4	4	5	5	5	3	3	3
	2	2	2	1	1	1	1	1	1	4	4
		3	3	3	2	2	2	2	2	2	5
F	F	F	F	F	F	F			F	F	F

Number of Page Fault = 10