Page address stream

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

OPT

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

LRU

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

FIFO

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

CLOCK

2*	2*	2*	2*	5*	5*	5*	5*	3*	3*	3*	3*
	3*	3*	3*	3	2*	2*	2	2	2*	2	2*
			1*	1	1	4*	4*	4	4	5*	5*
				F	F	F		F		F	F
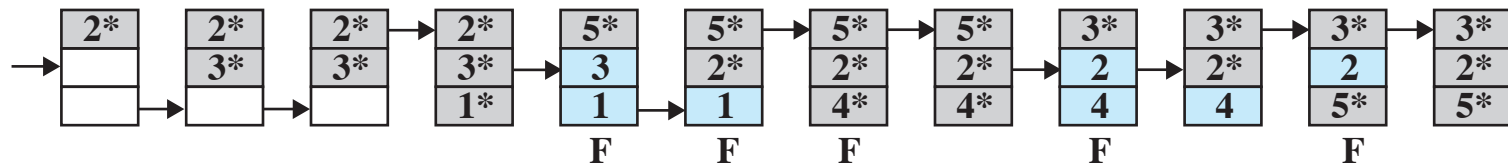
F = page fault occurring after the frame allocation is initially filled

Figure 8.15   Behavior of Four Page-Replacement Algorithms