

Frame number	Main memory
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	

(a) Fifteen Available Frames

Main memory
0 A.0
1 A.1
2 A.2
3 A.3
4
5
6
7
8
9
10
11
12
13
14

(b) Load Process A

Main memory

(c) Load Process B

Main memory
0 A.0
1 A.1
2 A.2
3 A.3
4 B.0
5 B.1
6 B.2
7 C.0
8 C.1
9 C.2
10 C.3
11
12
13
14

(d) Load Process C

Main memory

(e) Swap out B

Main memory

(f) Load Process D

Figure 7.9 Assignment of Process Pages to Free Frames