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

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

(e) Swap out B

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

(f) Load Process D

Figure 7.9   Assignment of Process Pages to Free Frames