1 //accessing common resource(file) by more then one process at a time

2 #include<stdio.h>

3 #include<fcntl.h>

4 main()

5 {

6 int fd,i=0;

7 char a[20]="abcdefghijklm";

8 fd=open("temp",O\_WRONLY|O\_CREAT|O\_APPEND,0644);

9 if(fd<0)

10 {

11 perror("open");

12 return;

13 }

14 printf("p1 process writing data into file..\n");

15 while(a[i])

16 {

17 write(fd,a+i,1);

18 i++;

19 sleep(2);

20 }

21 printf("p1 process writing data into file is completed...\n");

22 sleep(2);

23 printf("p1 process terminated...\n");

24 }

P2.c

1 //accessing common resource(file) by more then one process at a time

2 #include<stdio.h>

3 #include<fcntl.h>

4 main()

5 {

6 int fd,i=0;

7 char a[20]="1234567890";

8 fd=open("temp",O\_WRONLY|O\_CREAT|O\_APPEND,0644);

9 if(fd<0)

10 {

11 perror("open");

12 return;

13 }

14 printf("p2 process writing data into file..\n");

15 while(a[i])

16 {

17 write(fd,a+i,1);

18 i++;

19 sleep(2);

20 }

21 printf("p2 process writing data into file is completed...\n");

22 sleep(2);

23 printf("p2 process terminated...\n");

24 }