Shm1.c

1 #include<stdio.h>

2 #include<sys/shm.h>

3 main()

4 {

5 int id;

6 char \*p;

7 id=shmget(5,20,IPC\_CREAT|0644);

8 if(id<0)

9 {

10 perror("shmget");

11 return;

12 }

13 //printf("shared memory segment created...\n");

14 p=shmat(id,0,0);

15 printf("enter data...\n");

16 scanf("%s",p);

17 shmdt(p);

18 }

Shm2.c

1 #include<stdio.h>

2 #include<sys/shm.h>

3 main()

4 {

5 int id;

6 char \*p;

7 id=shmget(5,20,IPC\_CREAT|0644);

8 if(id<0)

9 {

10 perror("shmget");

11 return;

12 }

13 //printf("shared memory segment created...\n");

14 p=shmat(id,0,0);

15 printf(" data...\n");

16 printf("%s\n",p);

17 shmdt(p);

18 }

Shm3.c

1 #include<stdio.h>

2 #include<sys/shm.h>

3 main()

4 {

5 int id;

6 int \*p,i=1;

7 id=shmget(5,20,IPC\_CREAT|0644);

8 if(id<0)

9 {

10 perror("shmget");

11 return;

12 }

13 //printf("shared memory segment created...\n");

14 p=shmat(id,0,0);

15 while(1)

16 {

17 \*p=i;

18 i++;

19 sleep(1);

20 }

21 shmdt(p);

22 }

Shm4.c

1 #include<stdio.h>

2 #include<sys/shm.h>

3 main()

4 {

5 int id;

6 int \*p,i;

7 id=shmget(5,20,IPC\_CREAT|0644);

8 if(id<0)

9 {

10 perror("shmget");

11 return;

12 }

13 //printf("shared memory segment created...\n");

14

15 p=shmat(id,0,0);

16 while(1)

17 {

18 i=\*p;

19 printf("data:%d\n",i);

20 sleep(1);

21 }

22 shmdt(p);

23 }