

```

void *shared_memory;
char buff[100];
int shmid;
shmid=shmget((key_t)2345, 1024, 0666|IPC_CREAT);
printf("Key of shared memory is %d\n",shmid);
shared_memory=shmat(shmid,NULL,0);
printf("Process attached at %p\n",shared_memory);
printf("Enter some data to write to shared memory\n");
read(0,buff,100);
strcpy(shared_memory,buff);
printf("You wrote : %s\n",(char *)shared_memory);
}

```

```

guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF: ~/Desktop
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ cc ipc.c
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Key of shared memory is 2883597
Process attached at 0x7f2a03434000
Enter some data to write to shared memory
HELLO WORLD
You wrote : HELLO WORLD
♦♦
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ cc ipc.c
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Key of shared memory is 2883597
Process attached at 0x7faf80274000
Enter some data to write to shared memory
NAME OF THE STUDENT:ASWINI
You wrote : NAME OF THE STUDENT:ASWINI
♦♦
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ cc ipc.c
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Key of shared memory is 2883597
Process attached at 0x7fc9f0249000
Enter some data to write to shared memory
MY NAME IS REENA
You wrote : MY NAME IS REENA
♦♦♦♦
guest-VU6MzW@cn28-HP-ProDesk-400-G1-SFF:~/Desktop$

```