```c
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<sys/shm.h>
#include<string.h>
int main()
{
int i;
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);
}
```

kouslya
You wrote : kouslya

user@user-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Key of shared memory is 2293771
Process attached at 0x7ff6f4ed3000
Enter some data to write to shared memory
sruthi
You wrote : sruthi

user@user-HP-ProDesk-400-G1-SFF:~/Desktop$