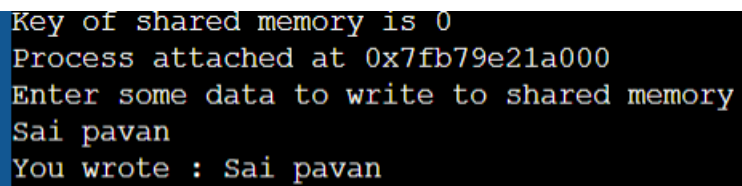


EXP 9

```
#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);
}
```

A terminal window with a black background and yellow text. The output of the program is displayed line by line: 'Key of shared memory is 0', 'Process attached at 0x7fb79e21a000', 'Enter some data to write to shared memory', 'Sai pavan', and 'You wrote : Sai pavan'.

```
Key of shared memory is 0
Process attached at 0x7fb79e21a000
Enter some data to write to shared memory
Sai pavan
You wrote : Sai pavan
```