

EXP-9 :-

PROGRAM :-

```
#include <stdio.h>
#include <sys/ipc.h>
#include <sys/shm.h>
#include <unistd.h>

int main() {
    key_t key = 1234;
    int shmid = shmget(key, 1024, 0666 | IPC_CREAT);
    char *str = (char*) shmat(shmid, NULL, 0);
    printf("Write Data: ");
    fgets(str, 1024, stdin);
    printf("Data read: %s", str);
    shmdt(str);
    shmctl(shmid, IPC_RMID, NULL);
    return 0;
}
```

OUTPUT :-

```
Write Data: Hello,Shared Memory !
Data read: Hello,Shared Memory !
```

```
=== Code Execution Successful ===
```