

7. Illustrate the concept of inter-process communication using shared memory with a C program

```
#include <stdio.h>

int main()
{
    int key_t key;

    key_t key = ftok("shmfile",65);

    int shmid = shmget(key,1024,0666|IPC_CREAT);

    char str = (char) shmat(shmid,(void*)0,0);

    printf("Write Data : ");
    scanf("%s",str);

    printf("Data written in memory: %s\n",str);

    shmdt(str);

    return 0;
}
```