

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <sys/ipc.h>
4 #include <sys/shm.h>
5 int main() {
6     key_t key = ftok("shmfile", 65);
7     int shmid = shmget(key, 1024, IPC_CREAT | 0666);
8     char *shm_ptr = (char*) shmat(shmid, NULL, 0);
9     strcpy(shm_ptr, "Hello, shared memory!");
10    printf("Data written: %s\n", shm_ptr);
11    shmdt(shm_ptr);
12    shmctl(shmid, IPC_RMID, NULL);
13    return 0;
14 }
```

Data written: Hello, shared memory!

=== Code Execution Successful ===