```c
/*
 * shm-client - client program to demonstrate shared memory.
 */
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/shm.h>
#include <stdio.h>
#include <stdlib.h>

#define SHMSZ     27

main()
{
    int shmid;
    key_t key;
    char *shm, *s;

    /*
     * We need to get the segment named
     * "5678", created by the server.
     */
    key = 5678;

    /*
     * Locate the segment.
     */
    if ((shmid = shmget(key, SHMSZ, 0666)) < 0) {
        perror("shmget");
        exit(1);
    }

    /*
     * Now we attach the segment to our data space.
     */
    if ((shm = shmat(shmid, NULL, 0)) == (char *) -1) {
        perror("shmat");
        exit(1);
    }

    /*
     * Now read what the server put in the memory.
     */
    for (s = shm; *s != NULL; s++)
        putchar(*s);
    putchar('\n');

    /*
     * Finally, change the first character of the
     * segment to '*', indicating we have read
     * the segment.
     */
    *shm = '*';
```

```
    exit(0);
}
```

/*Output-
avcoe@avcoe-HP-ProDesk-400-G1-SFF:~/Pr-7B$ gcc shm_client.c
shm_client.c:12:1: warning: return type defaults to 'int' [-Wimplicit-int]
   12 | main()
      | ^~~~
shm_client.c: In function 'main':
shm_client.c:43:22: warning: comparison between pointer and integer
   43 | for (s = shm; *s != NULL; s++)
      | ^~
avcoe@avcoe-HP-ProDesk-400-G1-SFF:~/Pr-7B$ ./a.out
abcdefghijklmnopqrstuvwxyz*/