**C Program for Shared Memory Write**

#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); // process attached to shared memory segment

printf("Process attached at %p\n", shared\_memory);

printf("Enter the data to write into the shared memory\n ");

read(0, buff, 100);

strcpy(shared\_memory, buff);

printf("You wrote: %s\n", (char\*)shared\_memory);

}