# Topic 9: 9. Illustrate the concept of inter-process communication using shared memory with a C program.

#include <stdio.h>  
#include <sys/ipc.h>  
#include <sys/shm.h>  
#include <string.h>  
  
int main() {  
 int shmid = shmget(IPC\_PRIVATE, 1024, 0666|IPC\_CREAT);  
 char \*str = (char\*) shmat(shmid, NULL, 0);  
 strcpy(str, "Shared Memory Example");  
 printf("%s\n", str);  
 shmdt(str);  
 shmctl(shmid, IPC\_RMID, NULL);  
 return 0;  
}