#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

#include<string.h>

#include<sys/ipc.h>

#include<sys/shm.h>

int main(){

int i,shmid;

void \*shared\_memory;

char num[100];

shmid=shmget((key\_t)2345,1024,0666|IPC\_CREAT);

printf("KEY of shared memory is %d\n",shmid);

shared\_memory=shmat(shmid,NULL,0);

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

printf("Enter integer to read to shared memory\n");

read(0,num,100);

strcpy(shared\_memory,num);

printf("Your integer : %s\n",(char\*)shared\_memory);

return 0;

}

#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

#include<string.h>

#include<sys/ipc.h>

#include<sys/shm.h>

void main(){

int i,shmid;

void \*shared\_memory;

char buff[100],num[100];

char temp;

shmid=shmget((key\_t)2345,1024,0666);

printf("KEY of shared memory is %d\n",shmid);

shared\_memory=shmat(shmid,NULL,0);

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

printf("Data read from shared memory is : %s\n",(char\*)shared\_memory);

strcpy(num,shared\_memory);

int n = strlen(num);

for (int i = 0;i<n/2;i++) {

temp=num[i];

num[i]=num[n-i-1];

num[n-i-1]=temp;

}

printf("Reversed String: %s\n", num);

}