**PROGRAM**

//Server Program

#include<stdio.h>

#include<sys/types.h>

#include<sys/ipc.h>

#include<sys/shm.h>

#include<stdlib.h>

#define shmsz 27

void main()

{

int shmid;

char c;

key\_t key=6780;

char \*shm,\*s;

if((shmid=shmget(key,shmsz,IPC\_CREAT|0666))<0)

{

printf("Error On SHMGET\n");

exit(1);

}

if((shm=shmat(shmid,NULL,0))==(char \*)-1)

{

printf("Error On SHMAT\n");

exit(1);

}

s=shm;

for(c='a';c<='z';c++)

\*s++=c;

\*s=NULL;

putchar('\n');

for(s=shm;\*s!=NULL;s++)

{

putchar(\*s);

printf(" ");

}

putchar('\n');

putchar('\n');

exit(0);

}

//Client Program

#include<stdio.h>

#include<sys/types.h>

#include<sys/ipc.h>

#include<sys/shm.h>

#include<stdlib.h>

#define shmsz 27

void main()

{

int shmid;

key\_t key=6780;

char \*shm,\*s;

if((shmid=shmget(key,shmsz,IPC\_CREAT|0666))<0)

{

printf("Error On SHMGET\n");

exit(1);

}

if((shm=shmat(shmid,NULL,0))==(char \*)-1)

{

printf("Error On SHMAT\n");

exit(1);

}

putchar('\n');

for(s=shm;\*s!=NULL;s++)

{

putchar(\*s);

printf(" ");

}

putchar('\n');

putchar('\n');

\*shm='\*';

exit(0);

}

**OUTPUT**

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ gcc server.c**

server.c: In function ‘main’:

server.c:26: warning: assignment makes integer from pointer without a cast

server.c:27: warning: comparison between pointer and integer

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ ./a.out**

a b c d e f g h i j k l m n o p q r s t u v w x y z

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ gcc client.c**

client.c: In function ‘main’:

client.c:22: warning: comparison between pointer and integer

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ ./a.out**

a b c d e f g h i j k l m n o p q r s t u v w x y z