Client.c

#include<sys/types.h>

#include<sys/ipc.h>

#include<sys/shm.h>

#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

#define MAXSIZE 27

void die(char \* s)

{

perror(s);

exit(1);

}

int main()

{

int shmid;

key\_t key;

char \*shm,\*s;

key=5678;

if((shmid = shmget (key,MAXSIZE,0666)) < 0)

die("shmget");

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

die("shmat");

for(s = shm ; \*s != '\0' ; s++)

putchar(\*s);

putchar('\n');

\*shm='\*';

}

Server.c

#include<sys/types.h>

#include<sys/ipc.h>

#include<sys/shm.h>

#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

#define MAXSIZE 27

void die(char \* s)

{

perror(s);

exit(1);

}

int main()

{

char c;

int shmid;

key\_t key;

char \*shm,\*s;

key=5678;

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

die("shmget");

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

die("shmat");

s=shm;

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

\*s++=c;

while(\*shm != '\*')

sleep(1);

}

Output:

mml@mml-Vostro-3470:~/DSS71$ gcc -o C.out Client.c

mml@mml-Vostro-3470:~/DSS71$ ./C.out

abcdefghijklmnopqrstuvwxyz

mml@mml-Vostro-3470:~/DSS71$

mml@mml-Vostro-3470:~/DSS71$ gcc -o S.out Server.c

mml@mml-Vostro-3470:~/DSS71$ ./S.out