

```

#include<sys/types.h>
#include<sys/ipc.h>
#include<sys/msg.h>
#include<stdio.h>
#include<stdlib.h>
#define MKEY1 5543L
#define MKEY2 4354L
#define PERMS 0666
typedef struct
{
    long mtype;
    char mdata[50];
}mesg;
#include "mesg.h"
mesg msg;
int main()
{
    int mq_id;
    int n;
    if((mq_id=msgget(MKEY1,PERMS|IPC_CREAT))<0)
    {
        printf("Sender: Error creating message");
        exit(1);
    }
    msg.mtype=1111L;
    n=read(0,msg.mdata,50);
    msg.mdata[n]='\0';
    msgsnd(mq_id,&msg,50,0);
}
#include "mesg.h"
mesg msg;
main()
{
    int mq_id;
    int n;
    if( ( mq_id=msgget(MKEY1, PERMS|IPC_CREAT ) ) < 0)
    {
        printf("receiver: Error opening message");
        exit(1);
    }
    msgrcv(mq_id,&msg,50,1111L,0);
    write(1,msg.mdata,50);
    msgctl(mq_id,IPC_RMID,NULL);
}

```

#### OUTPUT:

```

$ vi mesg.h
$ vi sender1.c
$ vi receiver1.c
$ cc sender1.c
$ ./a.out
mcet
$ cc receiver1.c
$ ./a.out
mcet

```