**C Program for Message**

#include <stdio.h>

#include <sys/ipc.h>

#include <sys/msg.h>

#define MAX 10

// structure for message queue

struct mesg\_buffer {

    long mesg\_type;

    char mesg\_text[100];

} message;

int main()

{

    key\_t key;

    int msgid;

    // ftok to generate unique key

    key = ftok("progfile", 65);

    // msgget creates a message queue

    // and returns identifier

    msgid = msgget(key, 0666 | IPC\_CREAT);

    message.mesg\_type = 1;

    printf("Write Data : ");

    fgets(message.mesg\_text,MAX,stdin);

    // msgsnd to send message

    msgsnd(msgid, &message, sizeof(message), 0);

    // display the message

    printf("Data send is : %s \n", message.mesg\_text);

    return 0;

}