

```

1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <string.h>
4  #include <sys/types.h>
5  #include <sys/ipc.h>
6  #include <sys/msg.h>
7  #define MSGKEY 654311L
8  #define SIZE 2
9
10 struct msgbuf {
11     long mtype;
12     int mtext[SIZE+1];
13 } message, *msgPointer;
14
15 int main() {
16     int mymsg;
17     key_t mykey;
18     int myflag;
19     int myreturn, mysize;
20     int i;
21
22     mykey = MSGKEY;
23     myflag = 00666 | IPC_CREAT;
24     mymsg = msgget(mykey, myflag);
25     if (mymsg == -1) {
26         perror("Hiba!");
27         exit(-1);
28     }
29     printf("Sikeres létrehozás: %d, %x\n", mymsg, mymsg);
30     msgPointer = &message;
31     msgPointer->mtype = 0;
32
33     for (i = 1; i < SIZE + 1; i++) {
34         printf("Számot pls: %d\n", i);
35         scanf("%d", &(msgPointer->mtext[i]));
36         printf("%d", msgPointer->mtext[i]);
37     }
38     mysize = sizeof(int) * (SIZE + 1);
39     myreturn = msgsnd(mymsg, (struct msgbuf *)msgPointer, mysize, myflag);
40     printf("Visszatérési érték: %d\n", myreturn);
41     printf("Üzenet: %s\n", msgPointer->mtext);
42
43     exit(0);
44 }
45

```