

shmcctl

shmcctl

shmcctl.c

Products

shmcctl

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No Selection

1 #include <stdio.h>

2 #include <stdlib.h>

3 #include <sys/types.h>

4 #include <sys/ipc.h>

5 #include <sys/shm.h>

6 #define SHMKEY 13

7

8 int main()

9 {

10 int shmid;

11 key_t kulcs;

12 int meret = 512;

13 int flag, rtn, sm;

14 struct shmid_ds shmid_ds, *buf;

15

16 buf = &shmid_ds;

17 kulcs = SHMKEY;

18 flag = 0;

19

20 if((shmid = shmget(kulcs, meret, flag)) < 0)

21 {

22 perror("\n Sikertelen volt az shmget!\n");

23 exit(-1);

24 }

25

26

27 //Státusz lekérdezése

28 rtn = shmctl(shmid, IPC_STAT, buf);

29 printf("\n Méret: %ld", buf->shm_segsz);

30 printf("\n PID: %d\n", buf->shm_lpid);

31

32

33 exit(0);

Unused variable 'sm'

Méret: 512

PID: 0

Program ended with exit code: 0

Identity and Type

Name

shmcctl.c

Type

Default - C Source

Location

Relative to Group

shmcctl.c

Full Path

/Users/somodymate/Downloads/University/Operációs Rendszerek/Beadandók/IGRYHL_0422/shmcctl/shmcctl/shmcctl.c

On Demand Resource Tags

Only resources are taggable

Target Membership

☒

shmcctl

Text Settings

Text Encoding

No Explicit Encoding

Line Endings

No Explicit Line Endings

Indent Using

Spaces

Widths

4

4

Tab

Indent

☒ Wrap lines

shmpop > My Mac

Finished running shmpop : shmpop

shmpop.c

shmpop.c

shmpop

shmpop

shmpop.c

Products

15

16 struct str {

17

18 int lng;

19 char text[512-sizeof(int)];

20

21 } *segment;

22

23 kulcs = SHMKEY;

24 flag = 0;

25

26 if((shmid = shmget(kulcs, meret, flag)) < 0)

27 {

28 perror("\n Sikertelen volt az shmget!\n");

29 exit(-1);

30 }

31

32 flag = 00666 | SHM_RND;

33 segment = (struct str *)shmat(shmid, NULL, flag);

34

35 if(segment == (void *) - 1)

36 {

37 perror("\n Sikertelen csatlakozás!");

38 exit(-1);

39 }

40

41 if(strlen(segment->text) > 0)

42 {

43 printf("\n A régi szöveg : %s", segment->text);

44 }

45 printf("\n Adja meg az új szöveget : ");

46 scanf("%s", segment->text);

47 printf("\n\n Az új szöveg : %s\n", segment->text);

Adja meg az új szöveget : fgud

Az új szöveg : fgud

Program ended with exit code: 0

Identity and Type

Name shmpop.c

Type Default - C Source

Location Relative to Group shmpop.c

Full Path /Users/somodymate/Downloads/University/Operációs Rendszerek/Beadandók/IGRYHL_0422/shmpop/shmpop/shmpop.c

On Demand Resource Tags

Only resources are taggable

Target Membership

☒ shmpop

Text Settings

Text Encoding No Explicit Encoding

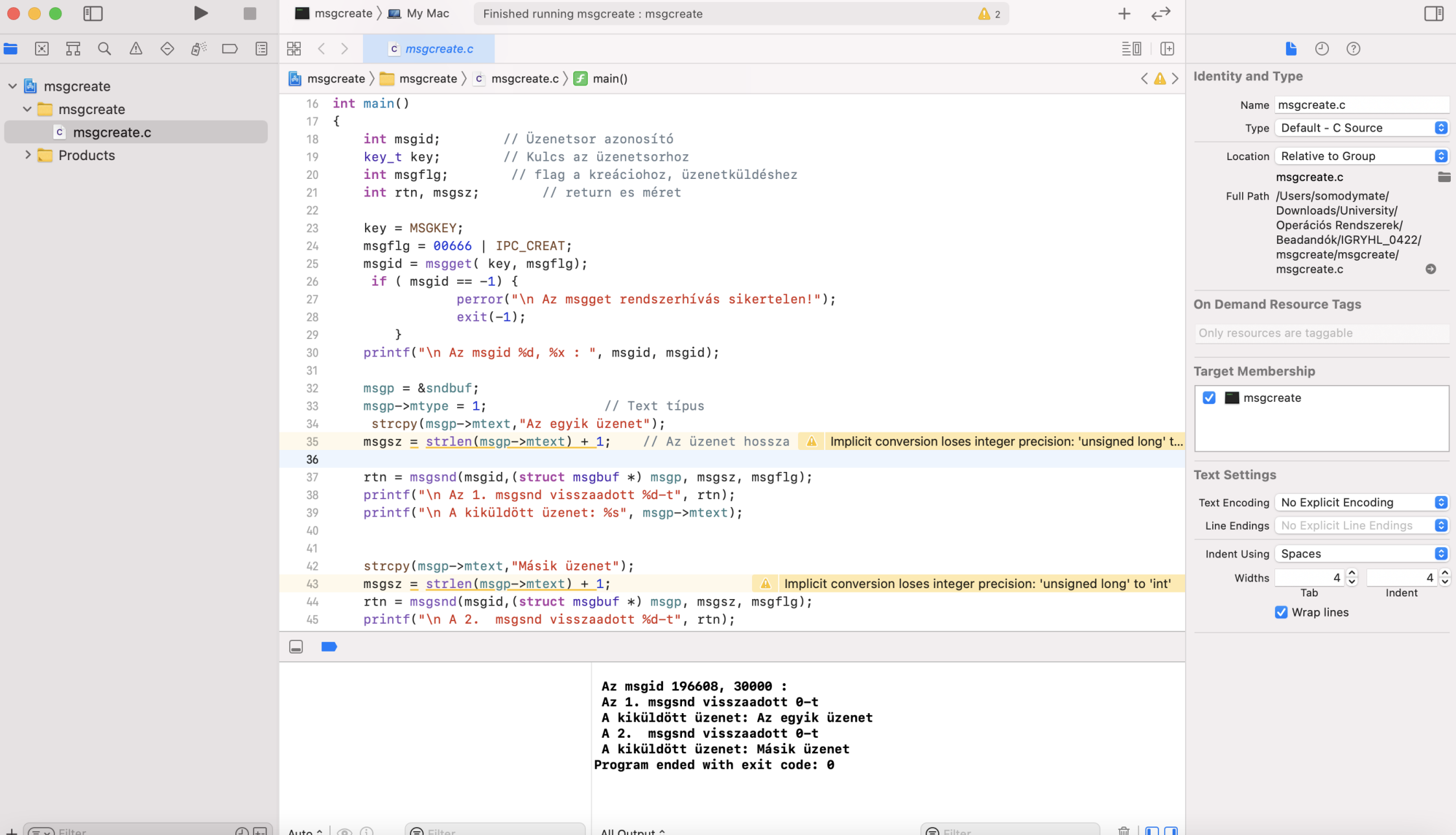
Line Endings No Explicit Line Endings

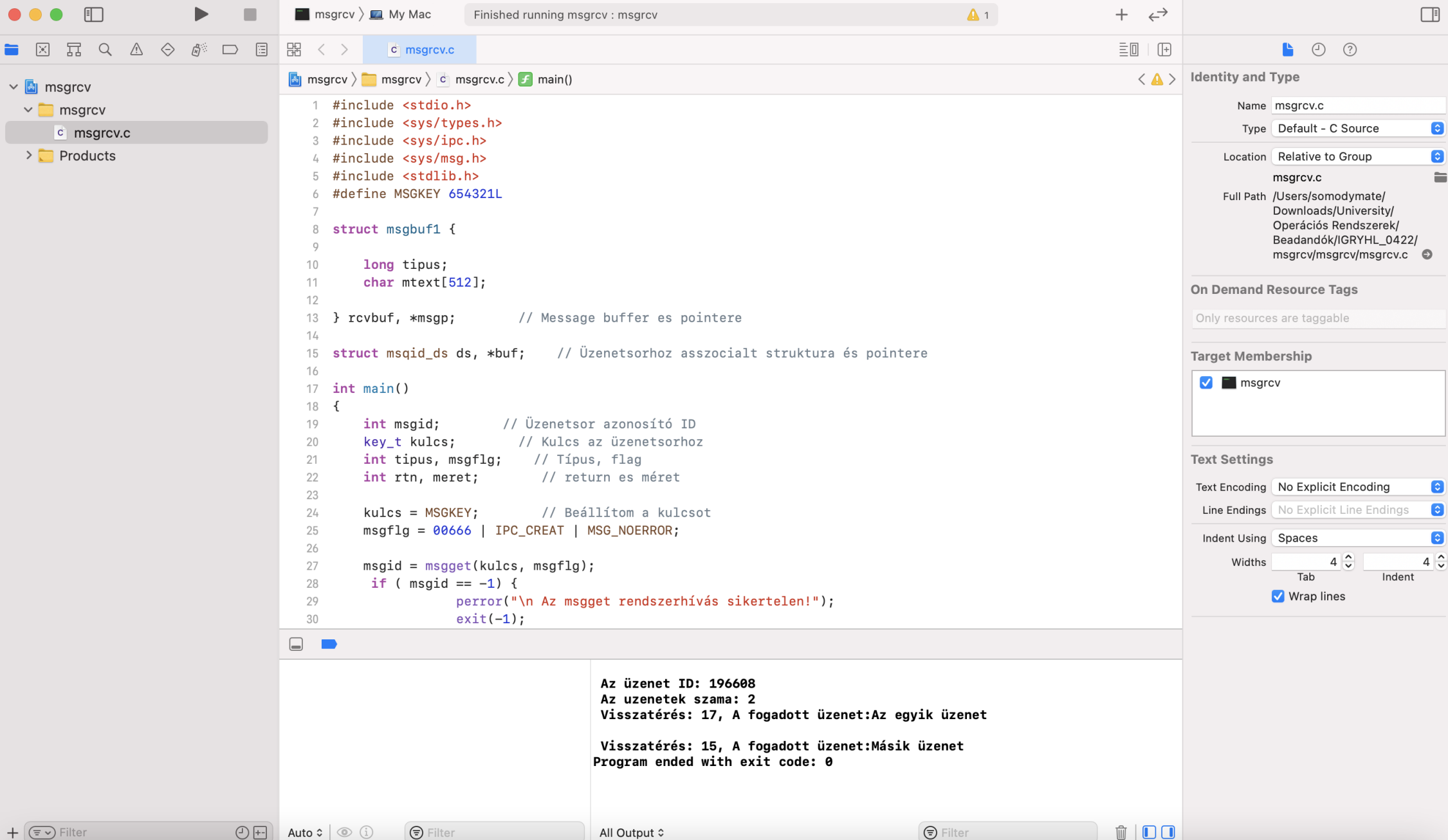
Indent Using Spaces

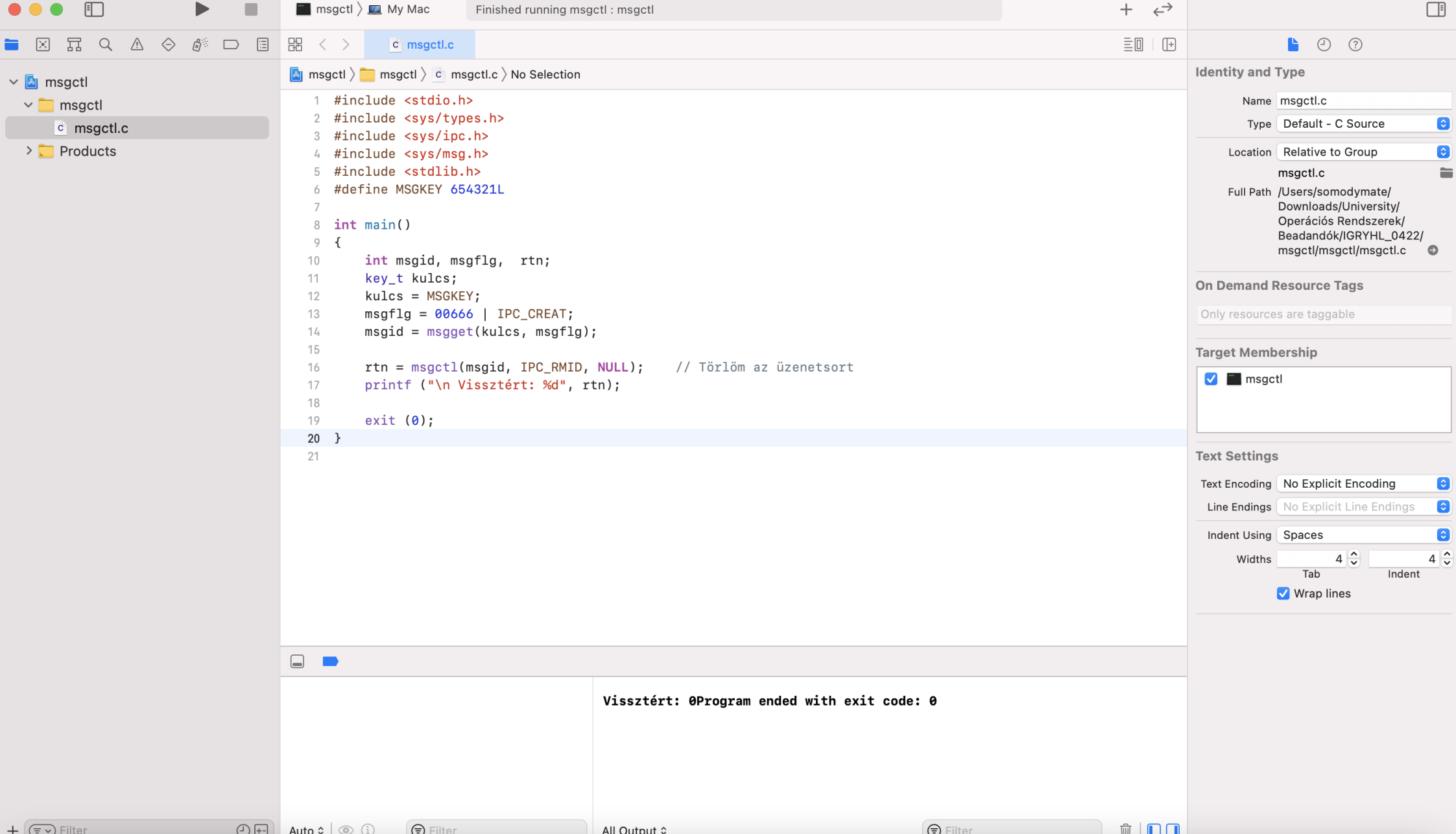
Widths 4 4

Tab Indent

☒ Wrap lines







IGRYHL_gyak10_2.c

My Mac

Finished running IGRYHL_gyak10_2 : IGRYHL_gyak10_2.c

Show the Symbol navigator

IGRYHL_gyak10_2.c

IGRYHL_gyak10_2.c

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IGRYHL_gyak10_2.c

Products

IGRYHL_gyak10_2.c

IGRYHL_gyak10_2.c

IGRYHL_gyak10_2.c

main()

```
1 #include <stdio.h>
2 #include <sys/types.h>
3 #include <sys/ipc.h>
4 #include <sys/msg.h>
5 #include <string.h>
6 #include <stdlib.h>
7 #define MSGKEY 654321L
8
9
10 struct msgbuf1 {
11
12     long mtype;
13     char mtext[512];
14
15 } sndbuf, *msgp;           // Üzenet buffer és pointere
16
17 struct msqid_ds ds, *buf;
18
19
20 int main()
21 {
22     int msgid;           // Üzenetsor azonosító
23     key_t key;           // Kulcs az üzenetsorhoz
24     int msgflg;           // flag a kreációhoz, üzenetküldéshez
25     int rtn, msgsz;       // return es méret
26
27     key = MSGKEY;
28     msgflg = 00666 | IPC_CREAT;
29     msqid = msgget( key, msafila);
```

Az üzenet ID: 262144

Válasszon a menüből

0. Üzenet darabszám

1. 1 üzenet kiolvasása

2. Üzenetsor megszüntetése

3. Kilépés

0

Az üzenetek száma: 1

Program ended with exit code: 0

Identity and Type

Name

IGRYHL_gyak10_2.c

Type

Default - C Source

Location

Relative to Group

IGRYHL_gyak10_2.c

Full Path

/Users/somodymate/Downloads/University/Operációs Rendszerek/Beadandók/IGRYHL_0422/IGRYHL_gyak10_2.c/IGRYHL_gyak10_2.c/IGRYHL_gyak10_2.c

On Demand Resource Tags

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Target Membership

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IGRYHL_gyak10_2.c

Text Settings

Text Encoding

No Explicit Encoding

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Indent

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Wrap lines

IGRYHL_gyak10_3.c

IGRYHL_gyak10_3.c

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Products

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Products

IGRYHL_gyak10_3.c

IGRYHL_gyak10_3.c

IGRYHL_gyak10_3.c

main()

51 printf("\nÚj szöveget : ");

52 scanf("%s", segment->text);

53 printf("\nAz új szöveg: %s \n", segment->text);

54

55 shmdt(segment);

56 struct shmid_ds shmid_ds, *buf;

57 buf = &shmid_ds;

58 flag = 0;

59

60 do {

61 printf("Válasszon a menüből\n");

62 printf("0. státusz lekérése\n");

63 printf("1. szegmens törlése\n");

64 scanf("%d", &choose);

65

66 }while(choose != 0 && choose != 1);

67

68 switch(choose){

69 case 0:

70 rtn = shmctl(shmid, IPC_STAT, buf);

71 printf("\nMéret: %ld", buf->shm_segsz);

72 printf("\nPID: %d\n", buf->shm_lpid);

73 break;

74

75 case 1:

76 rtn = shmctl(shmid, IPC_RMID, NULL);

77 printf("\nSzegmens megszüntetve!\n");

78 break;

79 }

80

81 return 0;

82 }

83

Válasszon a menüből

0. státusz lekérése

1. szegmens törlése

Méret: 512

PID: 8281

Program ended with exit code: 0

Identity and Type

Name

IGRYHL_gyak10_3.c

Type

Default - C Source

Location

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IGRYHL_gyak10_3.c

Full Path

/Users/somodymate/Downloads/University/Operációs Rendszerek/Beadandók/IGRYHL_0422/IGRYHL_gyak10_3.c/IGRYHL_gyak10_3.c/IGRYHL_gyak10_3.c

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