

Inbox (284) - poojasr.cs1 x | 3rd SEM- C2 Batch-OOJ x | New File x | Repl.it - SourOptimalPro x

repl.it/repls/SourOptimalProfessional#main.c

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@anonymous / SourOptimalProfessio... Stop

Files main.c

```
main.c
1  #include<stdio.h>
2
3  void main()
4  {
5      int no1,no2,result,choice;
6      printf("Enter two numbers:");
7      scanf("%d %d",&no1,&no2);
8      do{
9          printf
10         ("1.Add\t2.Subtract\t3.Multiply\t4.Divide\t5.Modulus\t");
11         printf("6.less than\t7.NotEqual\t8.Greater than
12         \t9.Greater than or equal to\t");
13         printf("10.Less than or equal to\t11.Exit \tEnter your
14         choice: ");
15         scanf("%d",&choice);
16         switch(choice)
17         {
18             case 1: result=no1+no2;
19                     printf("Sum= %d\n",result);
20                     break;
21             case 2: result=no1-no2;
22                     printf("Difference= %d\n",result);
23                     break;
24             case 3: result=no1*no2;
25                     printf("Product= %d\n",result);
26                     break;
27             case 4: result=no1/no2;
```


Inbox (284) - poojesr.cs1 x 3rd SEM- C2 Batch-OOJ x New File x Repl.it - SourOptimalProf x

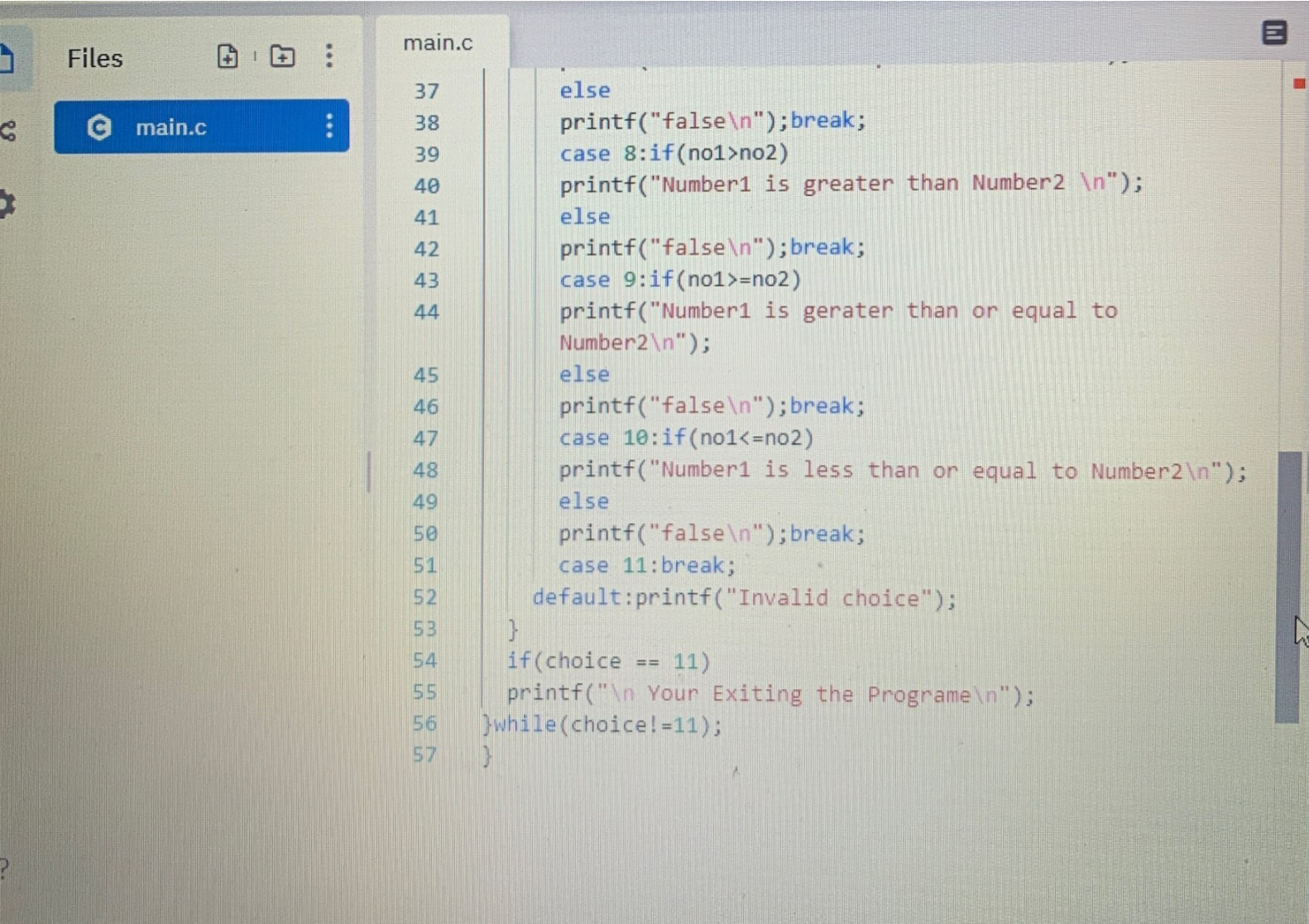
repl.it/repls/SourOptimalProfessional#main.c

Apps Meet My Younger... COMEDK CET

@anonymous / SourOptimalProfessio... Stop

Files main.c

```
20 break;
21 case 3: result=no1*no2;
22     printf("Product= %d\n",result);
23     break;
24 case 4: result=no1/no2;
25     printf("Quotient= %d\n",result);
26     break;
27 case 5:result=no1%no2;
28     printf("Remainder= %d\n",result);
29     break;
30 case 6:if(no1<no2)
31     printf("Number1 is less than Number2\n");
32     else
33     printf("false\n");
34     break;
35 case 7:if(no2!=no1)
36     printf("Number1 is Not Equal to number2\n");
37     else
38     printf("false\n");break;
39 case 8:if(no1>no2)
40     printf("Number1 is greater than Number2 \n");
41     else
42     printf("false\n");break;
43 case 9:if(no1>=no2)
44     printf("Number1 is gerater than or equal to
45     Number2\n");
46     else
```

The image shows a code editor window with a file named 'main.c'. The code is a C program that compares two numbers, 'no1' and 'no2', based on a user's choice. The program uses a switch statement to handle different choices (8, 9, 10, 11) and prints the result of the comparison. The code is as follows:

```
37     else
38     printf("false\n");break;
39     case 8:if(no1>no2)
40     printf("Number1 is greater than Number2 \n");
41     else
42     printf("false\n");break;
43     case 9:if(no1>=no2)
44     printf("Number1 is gerater than or equal to
45     Number2\n");
46     else
47     printf("false\n");break;
48     case 10:if(no1<=no2)
49     printf("Number1 is less than or equal to Number2\n");
50     else
51     printf("false\n");break;
52     case 11:break;
53     default:printf("Invalid choice");
54     }
55     if(choice == 11)
56     printf("\n Your Exiting the Progame\n");
57 }while(choice!=11);
58 }
```



```
clang-7 -pthread -lm -o main main.c
main.c:3:1: warning: return type of 'main' is not 'int'
      [-Wmain-return-type]
```

```
void main()
```

```
main.c:3:1:      change return type to 'int'
void main()
```

```
~~~~~
```

```
int
```

```
1 warning generated.
```

```
./main
```

```
Enter two numbers:5
```

```
8
```

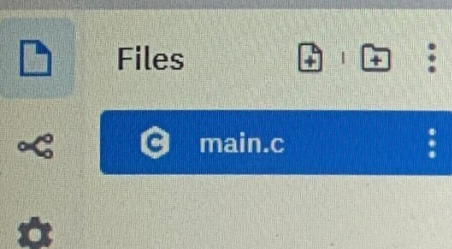
```
1.Add    2.Subtract  3.Multiply  4.Divide    5.Modulus    6.less
than      7.NotEqual  8.Greater than  9.Greater than or equal to1
0.Less than or equal to 11.Exit    Enter your choice: 1
```

```
Sum= 13
```

```
1.Add    2.Subtract  3.Multiply  4.Divide    5.Modulus    6.less
than      7.NotEqual  8.Greater than  9.Greater than or equal to1
0.Less than or equal to 11.Exit    Enter your choice: 9
```

```
false
```

```
1.Add    2.Subtract  3.Multiply  4.Divide    5.Modulus    6.less
than      7.NotEqual  8.Greater than  9.Greater than or equal to1
0.Less than or equal to 11.Exit    Enter your choice: 
```

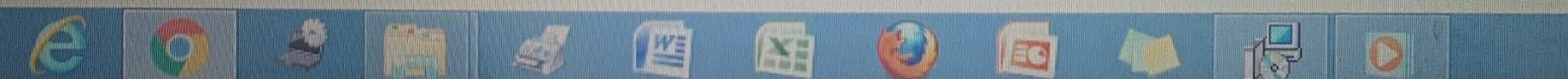



main.c

```

1  #include<stdio.h>
2  float sumaver(int,int);
3  void printeven(int,int);
4  int main()
5  {
6      int a,b,c;
7      printf("enter three number:\n");
8      scanf("%d %d %d",&a,&b,&c);
9      float average;
10     if(c<a&&c<b)
11     {
12         average= sumaver(a,b);
13         if(a<b)
14             printeven(a,b);
15         else
16             printeven(b,a);
17     }
18     else if(a<b&&a<c)
19     {
20         average= sumaver(c,b);
21         if(c<b)
22             printeven(c,b);
23         else
24             printeven(b,c);
25     }
26     else if (b<a&&b<c)
27     {

```



Files

main.c

main.c

```
25 }
26 else if (b<a&&b<c)
27 {
28     average= sumaver(a,c);
29     if (c<a)
30         printeven(c,a);
31     else
32         printeven(a,c);
33 }
34 printf("The average of two number:%f",average);
35 }
36 float sumaver(int p,int q)
37 {
38     int sum=p+q;
39     return sum/2.0;
40 }
41 void printeven(int p,int q)
42 {
43     int i;
44     printf("The even numbers are:\n");
45     for (i=p+1;i<q;i++)
46     {
47         if(i%2==0)
48             printf("%d\n",i);
49     }
50 }
```



```
➤ clang-7 -pthread -lm -o main main.c
```

```
➤ ./main
```

```
enter three number:
```

```
12
```

```
54
```

```
30
```

```
The even numbers are:
```

```
32
```

```
34
```

```
36
```

```
38
```

```
40
```

```
42
```

```
44
```

```
46
```

```
48
```

```
50
```

```
52
```

```
The average of two number:42.000000➤ 
```