

Run

Debug

Stop

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Language C

main.c

```
1  #include <stdio.h>
2
3  int main(void){
4
5      int opt, n1, n2, op;
6
7      while(opt != 11){
8          printf("Choose an option from the following:\n");
9          printf("1. Addition\n");
10         printf("2. Subtraction\n");
11         printf("3. Multiplication\n");
12         printf("4. Division\n");
13         printf("5. Compare greater\n");
14         printf("6. Compare lesser\n");
15         printf("7. Compare greater or equal\n");
16         printf("8. Compare lesser or equal\n");
17         printf("9. Compare equal\n");
18         printf("10. Remainder\n");
19         printf("11. Quit\n");
20
21         scanf("%d", &opt);
22
23         switch(opt){
24             case 1:
25                 printf("Enter 2 integer values\n");
26                 scanf("%d%d", &n1, &n2);
27                 op = n1 + n2;
28                 printf("Sum = %d\n", op);
29                 break;
30             case 2:
31                 printf("Enter 2 integer values\n");
32                 scanf("%d%d", &n1, &n2);
33                 op = n1 - n2;
```

input

Command line arguments:



Language C

main.c

```

29         break;
30     case 2:
31         printf("Enter 2 integer values\n");
32         scanf("%d%d", &n1, &n2);
33         op = n1 - n2;
34         printf("Difference = %d\n", op);
35         break;
36     case 3:
37         printf("Enter 2 integer values\n");
38         scanf("%d%d", &n1, &n2);
39         op = n1 * n2;
40         printf("Product = %d\n", op);
41         break;
42     case 4:
43         printf("Enter 2 integer values\n");
44         scanf("%d%d", &n1, &n2);
45         op = n1 / n2;
46         printf("Quotient = %d\n", op);
47         break;
48     case 5:
49         printf("Enter 2 integer values\n");
50         scanf("%d%d", &n1, &n2);
51         n1 > n2 ? printf("Greater = %d\n", n1) : printf("Greater = %d\n", n2);
52         break;
53     case 6:
54         printf("Enter 2 integer values\n");
55         scanf("%d%d", &n1, &n2);
56         n1 < n2 ? printf("Lesser = %d\n", n1) : printf("Lesser = %d\n", n2);
57         break;
58     case 7:
59         printf("Enter 2 integer values\n");
60         scanf("%d%d", &n1, &n2);
61         n1 >= n2 ? printf("True\n") : printf("False\n");
62         break;

```

Command line arguments:





main.c

```
55 scanf("%d%d", &n1, &n2);
56 n1 < n2 ? printf("Lesser = %d\n", n1) : printf("Lesser = %d\n", n2);
57 break;
58 case 7:
59     printf("Enter 2 integer values\n");
60     scanf("%d%d", &n1, &n2);
61     n1 >= n2 ? printf("True\n") : printf("False\n");
62     break;
63 case 8:
64     printf("Enter 2 integer values\n");
65     scanf("%d%d", &n1, &n2);
66     n1 <= n2 ? printf("True\n") : printf("False\n");
67     break;
68 case 9:
69     printf("Enter 2 integer values\n");
70     scanf("%d%d", &n1, &n2);
71     n1 == n2 ? printf("True\n") : printf("False\n");
72     break;
73 case 10:
74     printf("Enter 2 integer values\n");
75     scanf("%d%d", &n1, &n2);
76     op = n1 % n2;
77     printf("Remainder = %d\n", op);
78     break;
79 case 11:
80     printf("Terminating...\n");
81     break;
82 default:
83     printf("Invalid value\n");
84 }
85 }
86
87 }
```

input

Command line arguments:



Choose an option from the following:

1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Compare greater
6. Compare lesser
7. Compare greater or equal
8. Compare lesser or equal
9. Compare equal
10. Remainder
11. Quit

3

Enter 2 integer values

7 4

Product = 28

Choose an option from the following:

1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Compare greater
6. Compare lesser
7. Compare greater or equal
8. Compare lesser or equal
9. Compare equal
10. Remainder
11. Quit