

main.c

```
1 #include <stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int num1,num2,option;
6     long long ans = 1;
7     printf("Enter the first number :");
8     scanf("%d",&num1);
9     printf("Enter the second number :");
10    scanf("%d",&num2);
11    printf("\nInput your option :\n");
12    printf("1-Addition.\n2-Substraction.\n3-Multiplication.\n4-Division.\n5-Check for equal n=numbers.\n");
13    printf("6-Check for greater number.\n7-Check for lesser number.\n8-Average.\n9-number1^number2.\n10-number2^number1");
14    scanf("%d",&option);
15    while(option!=11)
16    {
17        switch(option)
18        {
19            case 1:
20                printf("The Addition of %d and %d is: %d\n",num1,num2,num1+num2);
21                break;
22            case 2:
23                printf("The Substraction of %d and %d is: %d\n",num1,num2,num1-num2);
24                break;
25            case 3:
26                printf("The Multiplication of %d and %d is: %d\n",num1,num2,num1*num2);
27                break;
28            case 4:
29                if(num2==0)
30                    printf("The second integer is zero. Devide by zero.\n");
31                else
32                    printf("The Division of %d and %d is : %d\n",num1,num2,num1/num2);
33                break;
34            case 5:
35                if(num1==num2)
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35     if(num1==num2)
36         printf("Equal Numbers!\n");
37     else
38         printf("Not Equal!\n");
39     break;
40 case 6:
41     if(num1>num2)|
42         printf("%d is greater than %d\n",num1,num2);
43     else
44         printf("%d is greater than %d\n",num2,num1);
45     break;
46 case 7:
47     if(num1>num2)
48         printf("%d is less than %d\n",num2,num1);
49     else
50         printf("%d is less than %d\n",num1,num2);
51     break;
52 case 8:
53     printf("Average of these number is %d\n",(num1+num2)/2);
54     break;
55 case 9:
56     ans = pow(num1,num2);
57     printf("Number1^Number2 = %lld\n",ans);
58     break;
59 case 10:
60     ans = pow(num2,num1);
61     printf("Number2^Number1 = %lld\n",ans);
62     break;
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```
61         printf("Number2^Number1 = %lld\n",ans);
62         break;
63     default:
64         printf("Input correct option\n");
65         break;
66 }
67 scanf("%d",&option);
68 }
69 printf("You have exit from the calculator");
70 return 0;
71 }
72
```

input

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main.c:63:42: warning: format '%lld' expects argument of type 'long long int', but argument 2 has type 'long long int *' [-Wformat=]
main.c:67:42: warning: format '%lld' expects argument of type 'long long int', but argument 2 has type 'long long int *' [-Wformat=]
```

Enter the first number :10

Enter the second number :5

Input your option :

1-Addition.

2-Substraction.

3-Multiplication.

4-Division.

5-Check for equal n=numbers.

6-Check for greater number.

7-Check for lesser number.

8-Average.

9-number1^number2.

10-number2^number1

1

The Addition of 10 and 5 is: 15

2

The Substraction of 10 and 5 is: 5

3

The Multiplication of 10 and 5 is: 50

4

The Division of 10 and 5 is : 2

5

Not Equal!

6

10 is greater than 5

7

5 is less than 10

8

Average of these number is 7