

\classwork.cpp - Dev-C++ 5.11

Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

classwork.cpp

```
1 #include <stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int n1,n2,option;
6     long long ans = 1;
7     printf("Enter the first number:");
8     scanf("%d",&n1);
9     printf("Enter the second number:");
10    scanf("%d",&n2);

11    printf("\nInput your option:\n");
12    printf("1-Addition.\n2-Subtraction.\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",n1,n2,n1+n2);
21                break;
22
23            case 2:
24                printf("The Subtraction of %d and %d is: %d\n",n1,n2,n1-n2);
25                break;
26
27            case 3:
28                printf("The Multiplication of %d and %d is: %d\n",n1,n2,n1*n2);
29                break;
30
31            case 4:
32                if(n1==n2)
33                    ans=1;
34                else
35                    ans=0;
36
37            case 5:
38                if(n1==n2)
39                    printf("Both numbers are equal\n");
40                else
41                    printf("Both numbers are not equal\n");
42
43            case 6:
44                if(n1>n2)
45                    printf("First number is greater than second number\n");
46                else
47                    printf("Second number is greater than first number\n");
48
49            case 7:
50                if(n1<n2)
51                    printf("First number is lesser than second number\n");
52                else
53                    printf("Second number is lesser than first number\n");
54
55            case 8:
56                printf("Average of two numbers is: %d\n",((n1+n2)/2));
57
58            case 9:
59                printf("%d\n",n1*n2);
60
61            case 10:
62                printf("%d\n",n2*n2);
63
64            default:
65                printf("Invalid option selected\n");
66        }
67    }
68 }
```

Compile Log Debug Find Results Close

Compilation results...

- Errors: 0

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classwork.cpp

```
31
32     case 4:
33         if(n2==0)
34         {
35             printf("The second integer is zero. Devide by zero.\n");
36         }
37         else
38         {
39             printf("The Division of %d and %d is : %d\n",n1,n2,n1/n2);
40         }
41     break;
42
43     case 5:
44         if(n1==n2)
45         {
46             printf("Equal Numbers!\n");
47         }
48         else
49             printf("Not Equal!\n");
50     break;
51     case 6:
52         if(n1>n2)
53         {
54             printf("%d is greater than %d\n",n1,n2);
55         }
56         else
57             printf("%d is greater than %d\n",n2,n1);
58     break;
59     case 7:
60         if(n1>n2)
61         {
62             printf("%d is less than %d\n",n2,n1);
63         }
64     break;
```

Sources Compile Log Debug Find Results Close

Compilation results...

```
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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Bhavya\Desktop\classwork.exe
```

a\Desktop\classwork.cpp - Dev-C++ 5.11

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Debug classwork.cpp

```
55 }  
56 else  
57 { printf("%d is greater than %d\n",n2,n1);  
58 break;  
59 case 7:  
60 if(n1>n2)  
61 {  
62 printf("%d is less than %d\n",n2,n1);  
63 }  
64 else  
65 { printf("%d is less than %d\n",n1,n2);  
66 }  
67 break;  
68 case 8:  
69 { printf("Average of these number is %d\n", (n1+n2)/2);  
70 }  
71 break;  
72 case 9:  
73 { ans = pow(n1,n2);  
74 printf("Number1^Number2 = %lld\n",&ans);  
75 }  
76 break;  
77 case 10:  
78 { ans = pow(n2,n1);  
79 printf("public double __cdecl pow (double _X, double _Y)  
80 break;  
81 default:  
82 { printf("Input correct option\n");  
83 }  
84 break;  
85 }  
86 }  
scanf("%d",&option);  
printf("You have exit from the calculator");  
return 0;
```

Compile Log Debug Find Results Close

C:\Users\Bhavya\Desktop\classwork.exe

Enter the first number:8
Enter the second number:2

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^number11

The Addition of 8 and 2 is: 10

2

The Substraction of 8 and 2 is: 6

3

The Multiplication of 8 and 2 is: 16

4

The Division of 8 and 2 is : 4

5

Not Equal!

6

8 is greater than 2

7

2 is less than 8

8

Average of these number is 5

9

Number1^Number2 = 6487560

10

Number2^Number1 = 6487560

11

You have exit from the calculator

Process exited after 40.12 seconds with return value 0
Press any key to continue . . .