



```
31 //4
32 printf("\n -----");
33 int x=7;
34 int y=4;
35 int a=x|y;
36 int b=x&y;
37 int c=x^y;
38 int d=x<<1;
39 int e=x>>2;
40 printf("\n %d \n %d \n %d \n %d \n %d \n %d",a,b,c,d,e);
41 //5
42 printf("\n -----");
43 int num1,num2,num3;
44 printf("\n enter three numbers");
45 scanf("%d",&num1);
46 scanf("%d",&num2);
47 scanf("%d",&num3);
48 printf("\n the numbers in order are %d %d %d",num1,num2,num3);
49 printf("\n the numbers in reversed order are: %d %d %d",num3,num2,num1);
50 //6
51 printf("\n -----");
52 printf("\n enter two numbers:");
53 int numb1,numb2;
54 scanf("%d",&numb1);
55 scanf("%d",&numb2);
56 printf("\nArithmetical Operations:\n");
57 int sum=numb1+numb2;
58 int sub=numb1-numb2;
59 int mul=numb1*numb2;
60 float div=(float)numb1/numb2;
61 printf("\n %d %d %d %d %f",sum, sub,mul,div);
62 printf("\nBitwise Operations:\n");
63 printf("Bitwise AND: %d\n", numb1 & numb2);
64 printf("Bitwise OR: %d\n", numb1 | numb2);
65 printf("Bitwise XOR: %d\n", numb1 ^ numb2);
66 printf("Bitwise NOT (first number): %d\n", ~numb1);
67 printf("Bitwise NOT (second number): %d\n", ~numb2);
68 printf("\nLogical Operations:\n");
69 printf("AND: %d\n", numb1 && numb2);
```



task1.c - Code::Blocks 20.03

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<global> main0 : int

Management

Projects Files FSy

Workspace

```
38     int d=x<<1;
39     int e=x>>2;
40     printf("\n %d \n %d \n %d \n %d \n %d",a,b,c,d,e);
41     //5
42     printf("\n -----");
43     int num1,num2,num3;
44     printf("\n enter three numbers");
45     scanf("%d",&num1);
46     scanf("%d",&num2);
47     scanf("%d",&num3);
48     printf("\n the numbers in order are %d %d %d",num1,num2,num3);
49     printf("\n the numbers in reversed order are: %d %d %d",num3,num2,num1);
50     //6
51     printf("\n -----");
52     printf("\n enter two numbers:");
53     int numbl,numb2;
54     scanf("%d",&numbl);
55     scanf("%d",&numb2);
56     printf("\nArithmetical Operations:\n");
57     int sum=numbl+numb2;
58     int sub=numbl-numb2;
59     int mul=numbl*numb2;
60     float div=(float)numbl/numb2;
61     printf("\n %d %d %d %d %f",sum, sub,mul,div);
62     printf("\nBitwise Operations:\n");
63     printf("Bitwise AND: %d\n", numbl & numb2);
64     printf("Bitwise OR: %d\n", numbl | numb2);
65     printf("Bitwise XOR: %d\n", numbl ^ numb2);
66     printf("Bitwise NOT (first number): %d\n", ~numbl);
67     printf("Bitwise NOT (second number): %d\n", ~numb2);
68     printf("\nLogical Operations:\n");
69     printf("AND: %d\n", numbl && numb2);
70     printf("OR: %d\n", numbl || numb2);
71     printf("NOT (first number): %d\n", !numbl);
72     printf("NOT (second number): %d\n", !numb2);
73     return 0;
74 }
75
76
```

C:\Users\Kareem\Desktop\task1.c

C/C++ Windows (CR+LF) WINDOWS-1252 Line 57, Col 21, Pos 1649 Insert Modified Read/Write default

Search

8:04 PM 1/29/2024

```
C:\Users\Kareem\Desktop\ta x + -
my name is: Sama Mohamed Adel
my date of birth is: 2004
faculty is: Engineering
graduation year is: 2027
-----
enter a random value123
the value entered is 123
-----
Enter dollar amount:100
enter cents amount:0
105.000000
-----
7
4
3
14
1
-----
enter three numbers1 2 3

the numbers in order are 1 2 3
the numbers in reversed order are: 3 2 1
-----
enter two numbers:1 3

Arithmetical Operations:
4 -2 3 0.333333
Bitwise Operations:
Bitwise AND: 1
Bitwise OR: 3
Bitwise XOR: 2
Bitwise NOT (first number): -2
Bitwise NOT (second number): -4

Logical Operations:
AND: 1
OR: 1
NOT (first number): 0
NOT (second number): 0

Process returned 0 (0x0)   execution time : 15.851 s
Press any key to continue.
|
```



Search



ENG



8:08 PM  
1/29/2024