

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\Untitled1.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C < > Untitled1.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a,b,add,sub,mult,modulo;
6     float div;
7     cout <<"enter numbers:";
8     cin >> a;
9     cin >> b;
10    add=a+b;
11    sub=a-b;
12    mult=a*b;
13    modulo=a%b;
14    div=a/(float)b;
15    cout <<"sum:" << add;
16    cout <<"\ndifference:" << sub;
17    cout <<"\nproduct:" << mult;
18    cout <<"\ndivide:" << div;
19    cout <<"\nmodulo:" << modulo;
20    return 0;
21 }
```

Compiler (2) Resources Compile Log Debug Find Results Console

Abort Compilation

- Output Size: 2.98903656005859 MiB  
- Compilation Time: 0.98s

Line: 9 Col: 14 Sel: 0 Lines: 21 Length:

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\Untitled1.cpp

```
enter numbers:10
5
sum:15
difference:5
product:50
divide:2
modulo:0
-----
Process exited after 4.677 seconds with return value 0
Press any key to continue . . .
```

13:35 30-12-2023

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\odd even.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C < > Untitled1.cpp x odd even.cpp x

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a;
6     cout << "enter integer:";
7     cin >> a;
8     if (a%2==0)
9     {
10        cout << a << " is even";
11    }
12    else
13    {
14        cout << a << " is odd";
15    }
16    return 0;
17 }
```

Compiler (79) Resources Compile Log Debug Find Results Cor

Abort Compilation

Shorten compiler path

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\harsh\OneDrive\
```

Line: 10 Col: 10 24 Sel: 0 Lines: 0 17 Length:

C:\Users\harsh\OneDrive\Des

```
enter integer:124
124 is even
-----
Process exited after 2.697 seconds with return value 0
Press any key to continue . . .
```

OPPO A79 5G  
Internet access

13:47  
30-12-2023

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\avg.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C < > Untitled1.cpp x odd even.cpp x avg.cpp x

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a,b,c;
6     float avg;
7     cout << "enter first number:";
8     cin >> a;
9     cout << "enter second number:";
10    cin >> b;
11    cout << "enter third number:";
12    cin >> c;
13    avg=float(a+b+c)/3;
14    cout << "average:" << avg;
15    return 0;
16 }
```

Compiler (79) Resources Compile Log Debug Find Results Co

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\harsh\OneDrive\Desktop\TOC Experiments\avg.exe
- Output Size: 2.98854827880859 MiB
- Compilation Time: 0.97s

Line: 14 Col: 14 Sel: 24 Lines: 0 Length: 16

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\avg.exe

```
enter first number:12
enter second number:5
enter third number:3
average:6.66667
-----
Process exited after 4.263 seconds with return value 0
Press any key to continue . . .
```

30°

Search

14:10 30-12-2023

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\js.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C js.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a,b;
6     cout << "Enter first integer: ";
7     cin >> a;
8     cout << "Enter second integer: ";
9     cin >> b;
10    if (a==b)
11    {
12        cout << "Integers are Equal";
13    }
14    else
15    {
16        cout << "Integers are Not Equal";
17    }
18    return 0;
19 }
20
```

Compiler Resources Compile Log Debug Find Results Console

Abort Compilation

Shorten compiler path

Errors: 0  
Warnings: 0  
Output Filename: C:\Users\harsh\OneDrive\  
Output Size: 2.98854827880859 MiB  
Compilation Time: 1.27s

Line: 16 Col: 31 Sel: 0 Lines: 20 Length:

C:\Users\harsh\OneDrive\Des

```
Enter first integer: 22
Enter second integer: 22
Integers are Equal
-----
Process exited after 2.809 seconds with return value 0
Press any key to continue . . .
```

18:37  
01-01-2024



C:\Users\harsh\OneDrive\Desktop\TOC Experiments\float.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C js.cpp float.cpp Untitled1.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     float a,b,add,sub,mult,module,div;
6     cout <<"enter numbers:";
7     cin >> a;
8     cin >> b;
9     add=a+b;
10    sub=a-b;
11    mult=a*b;
12    div=a/b;
13    cout <<"sum:" << add;
14    cout <<"\ndifference:" << sub;
15    cout <<"\nproduct:" << mult;
16    cout <<"\ndivide:" << div;
17    cout <<"\nmodulo is not possible";
18    return 0;
19 }
```

Compiler (1) Resources Compile Log Debug Find Results Console

Abort Compilation

Shorten compiler path

Line: 17 Col: 17 38 Sel: 0 Lines: 19 Length: 36

C:\Users\harsh\OneDrive\Des

```
enter numbers:4.2
3.2
sum:7.4
difference:1
product:13.44
divide:1.3125
modulo is not possible
-----
Process exited after 11.33 seconds with return value 0
Press any key to continue . . .
```

18:42 01-01-2024

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\vowel.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     char c;
5     bool isVowel;
6     cout << "Enter an character: ";
7     cin >> c;
8     isVowel = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u' || c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');
9     if (!isalpha(c))
10    {
11        cout << "Error! Non-alphabetic character.";
12    }
13    else if (isVowel)
14    {
15        cout << c << " is a vowel.";
16    }
17    else
18    {
19        cout << c << " is a consonant.";
20    }
21    return 0;
22 }
```

Compiler (1) Resources Compile Log Debug Find Results Console Close

Line: 21 Col: 6 Sel: 0 Lines: 23 Length: 517 Insert

C:\Users\harsh\OneDrive\Des

Enter an character: a  
a is a vowel.

-----  
Process exited after 1.113 seconds with return value 0  
Press any key to continue . . .

18:49  
01-01-2024

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\positive.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int num;
6     cout << " Input a number : ";
7     cin >> num;
8     if (num>0)
9     {
10        cout << "Number is positive.";
11    }
12    else if(num<0)
13    {
14        cout << "Number is negative.";
15    }
16    else
17    {
18        cout << "Number is zero.";
19    }
20
21    return 0;
22 }
```

C:\Users\harsh\OneDrive\Des

Input a number : -83082  
Number is negative.  
-----  
Process exited after 2.039 seconds with return value 0  
Press any key to continue . . .

Compiler (1) Resources Compile Log Debug Find Results Console Close

Line: 22 Col: 2 Sel: 0 Lines: 22 Length: 352

28° Search

18:56  
01-01-2024

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\greatest.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main ()
4 {
5     int num1, num2;
6     cout << "Enter first number:";
7     cin >> num1;
8     cout << "Enter second number:";
9     cin >> num2;
10    if (num1 == num2)
11    {
12        cout << "Both are equal";
13    }
14    else if (num1 > num2)
15    {
16        cout << num1 << " is greater than " << num2;
17    }
18    else
19    {
20        cout << num2 << " is greater than " << num1;
21    }
22    return 0;
23 }
```

Compiler (1) Resources Compile Log Debug Find Results Console Close

Line: 23 Col: 2 Sel: 0 Lines: 23 Length: 414 Insert

C:\Users\harsh\OneDrive\Des

Enter first number:42  
Enter second number:54  
54 is greater than 42  
-----  
Process exited after 6.348 seconds with return value 0  
Press any key to continue . . .

Assignment 2 OPERATOR AND ...

28°

Search

19:00  
01-01-2024



C:\Users\harsh\OneDrive\Desktop\TOC Experiments\floor ceil.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp floor ceil.cpp

```
1 #include <iostream>
2 #include <cmath>
3 using namespace std;
4 int main()
5 {
6     cout << "Floor of 2.3 is : " << floor(2.3) << endl;
7     cout << "Ceil of 2.3 is : " << ceil(2.3) << endl;
8     return 0;
9 }
```

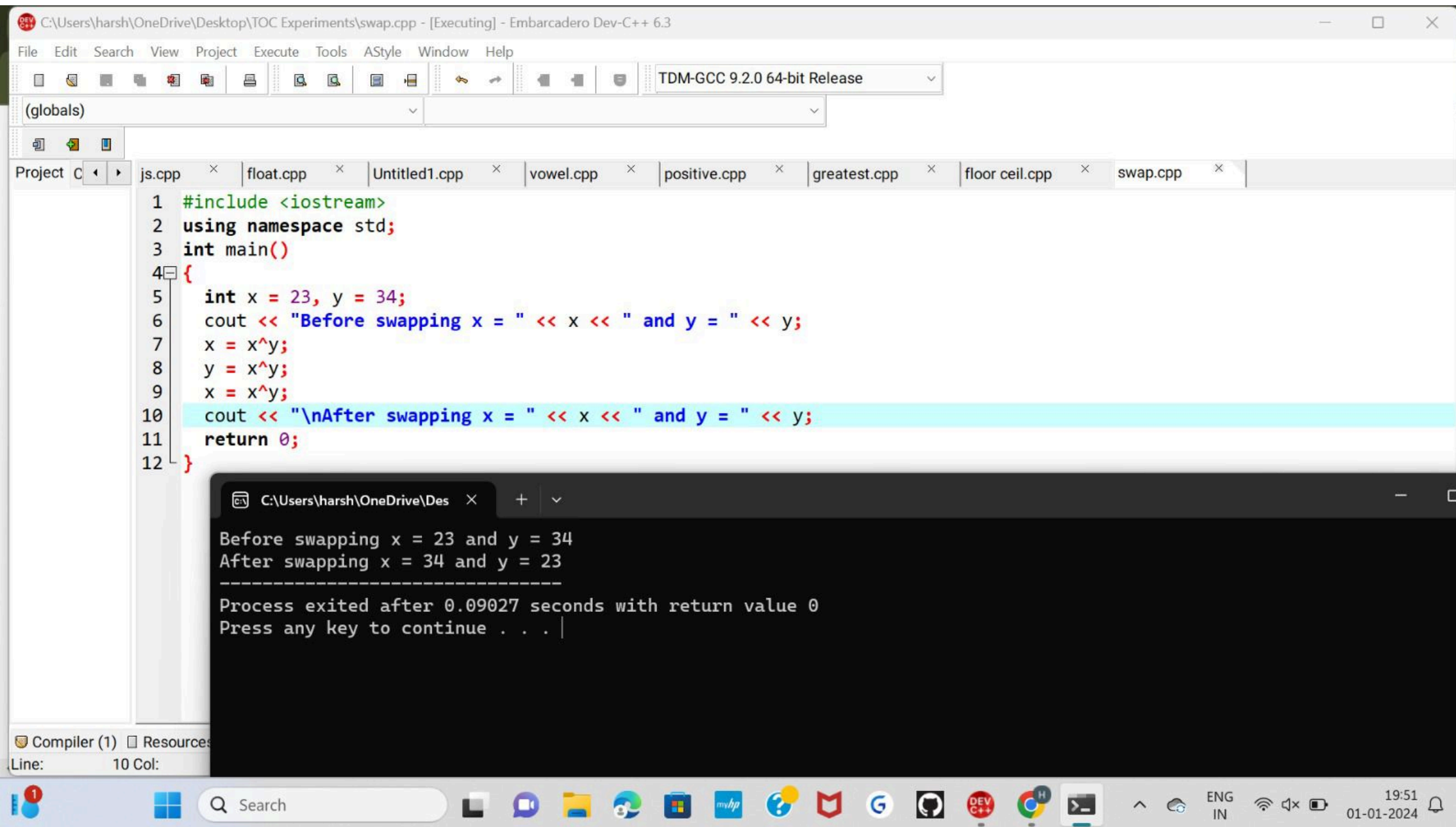
C:\Users\harsh\OneDrive\Des

Floor of 2.3 is : 2  
Ceil of 2.3 is : 3

-----  
Process exited after 0.08995 seconds with return value 0  
Press any key to continue . . .

Compiler (1)  
Line:

19:49  
01-01-2024



C:\Users\harsh\OneDrive\Desktop\TOC Experiments\max.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp floor ceil.cpp swap.cpp max.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n1=5,n2=10,n3=15,max;
6     max=(n1>n2) ?
7         (n1>n3 ? n1 : n3):
8         (n2>n3 ? n2 : n3);
9     cout << "Largest number among "
10    << n1 << ", " << n2 << " and "
11    << n3 << " is " << max;
12     return 0;
13 }
```

C:\Users\harsh\OneDrive\Des

Largest number among 5, 10 and 15 is 15

-----

Process exited after 0.07729 seconds with return value 0

Press any key to continue . . .

Compiler (1) Resources Compile Log Debug Find Results Console Cl

Line: 10 Col: 21 Sel: 0 Lines: 13 Length: 296

19:55 01-01-2024

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\kbvj.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp floor ceil.cpp swap.cpp max.cpp kbvj.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n1,n2;
6     cout << "Enter first number:";
7     cin >> n1;
8     cout << "Enter second number:";
9     cin >> n2;
10    string result = (n1 == n2) ? "Numbers are equal" : "Numbers are not equal";
11    cout << result;
12    return 0;
13 }
```

C:\Users\harsh\OneDrive\Des

```
Enter first number:22
Enter second number:22
Numbers are equal
-----
Process exited after 3.776 seconds with return value 0
Press any key to continue . . .
```

Compiler (5) Resources Compile Log Debug

Line: 1 Col: 2 Sel: 0 Lines:

20:07 01-01-2024



C:\Users\harsh\OneDrive\Desktop\TOC Experiments\fact.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project C js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp floor ceil.cpp swap.cpp max.cpp [\*] kbvj.cpp Untitled10 three.cpp Untitled12 print.cpp fact.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int num;
6     int factorial=1;
7     cout << "Enter a number:";
8     cin >> num;
9     for(int i=1;i<=num;i++)
10    {
11        factorial*=i;
12    }
13    cout << "Factorial of " << num << " is " << factorial;
14    return 0;
15 }
```

Compiler (5) Resources Compile Log Debug Find Results Console Close

Line: 13 Col: 44 Sel: 0 Lines: 15 Length: 253 Insert Done parsing

C:\Users\harsh\OneDrive\Des

Enter a number:5  
Factorial of 5 is 120  
-----  
Process exited after 4.631 seconds with return value 0  
Press any key to continue . . .

20:18  
01-01-2024

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\three.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C

js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp floor ceil.cpp  
swap.cpp max.cpp [\*] kbvj.cpp Untitled10 three.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int num;
6     cout << "Enter an number:";
7     cin >> num;
8     string result = (num%3==0) ? "Number is divisible by 3." : "Number is not divisible by 3.";
9     cout << result;
10    return 0;
11 }
```

C:\Users\harsh\OneDrive\Des

Enter an number:93  
Number is divisible by 3.  
-----  
Process exited after 11.75 seconds with return value 0  
Press any key to continue . . .

Compiler (5) Resources Compile Log Debug Fir  
Line: 8 Col: 94 Sel: 0 Lines:

20:11  
01-01-2024

C:\Users\harsh\OneDrive\Desktop\TOC Experiments\print.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project C

js.cpp float.cpp Untitled1.cpp vowel.cpp positive.cpp greatest.cpp floor ceil.cpp  
swap.cpp max.cpp [\*] kbvj.cpp Untitled10 three.cpp Untitled12 print.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     for(int i=1;i<=10;i++)
6     {
7         cout << i << " ";
8     }
9     return 0;
10 }
```

C:\Users\harsh\OneDrive\Des

```
1 2 3 4 5 6 7 8 9 10
-----
Process exited after 0.07464 seconds with return value 0
Press any key to continue . . .
```

Compiler (5) Resources Compile Log

Line: 10 Col: 2 Sel: 0 L

20:14  
01-01-2024