

C++ Identifiers | Exercise v3.0 | Exercise v3.0 | Exercise v3.0 | Online C++ Compiler

programiz.com/cpp-programming/online-compiler/

Programiz C++ Online Compiler

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main.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int n;
6     cout<<"enter the two numbers\n";
7     cin>>n;
8     if (n%2==0)
9         cout<<"even";
10    else
11        cout<<"odd";
12    return 0;
13 }
```

Output

/tmp/TZgiBKaN3l.o
enter the two numbers
7
odd

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22:42 29-12-2023

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Clear

main.cpp

Run

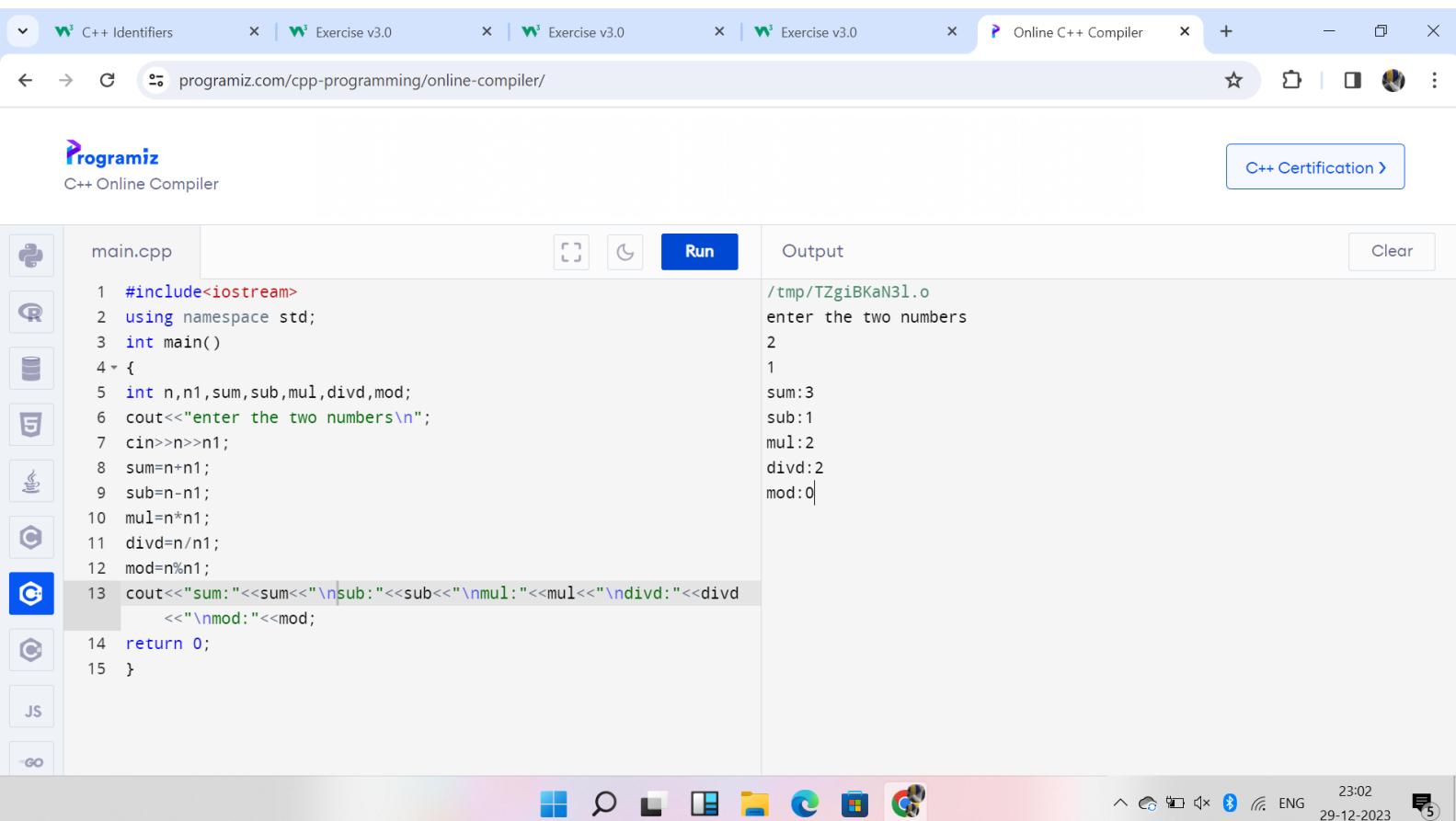
Output

/tmp/TZgiBKaN3l.o
enter the three numbers
3
2
5
avg is3|

1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5 int n,n1,n2;
6 float avg;|
7 cout<<"enter the three numbers\n";
8 cin>>n>>n1>>n2;
9 avg=(n+n1+n2)/3;
10 cout<<"avg is"<<avg;
11 return 0;
12 }

Python | C | C++ | Java | JavaScript | Go

22:48 29-12-2023



Screenshot of a web browser showing the Programiz Online C++ Compiler interface.

The browser tabs are:

- C++ Identifiers
- Exercise v3.0
- Exercise v3.0
- Exercise v3.0
- Online C++ Compiler

The URL in the address bar is: programiz.com/cpp-programming/online-compiler/

The page features a header with the Programiz logo, a Mitsubishi Electric advertisement, and a "C++ Certification" button.

The main area contains a code editor with the following C++ code:

```
main.cpp
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int n,n1;
5     cout<<"enter two numbers:\n";
6     cin>>n>>n1;
7     if(n==n1)
8         cout<<"equal";
9     else
10        cout<<"not equal";
11    return 0;
12 }
```

The output window shows the results of running the program:

```
/tmp/TZgiBKaN3l.o
enter two numbers:
3
3
equal
```

The sidebar on the left includes icons for various programming languages: Python, C, C++, Java, JavaScript, and Go.

The system tray at the bottom right shows the date and time: 23:07 29-12-2023.

The screenshot shows the Programiz Online C++ Compiler interface. At the top, there are four tabs: "C++ Identifiers", "Exercise v3.0", "Exercise v3.0", and "Exercise v3.0". Below the tabs, the URL "programiz.com/cpp-programming/online-compiler/" is visible. The main area has a "Programiz" logo and "C++ Online Compiler" text. On the left, there's a sidebar with icons for Python, C, C++, Java, JavaScript, and Go. The code editor window contains the following C++ code:

```
main.cpp
1 #include<iostream>
2 using namespace std;
3 int main(){
4     float n,n1,sum,mul,sub,divd;
5
6     cout<<"enter two numbers:";
7     cin>>n>>n1;
8     sum=n+n1;
9     mul=n*n1;
10    sub=n-n1;
11    divd=n/n1;
12
13    cout<<"sum:"<<sum<<"\nmul:"<<mul<<"\nsub:"<<sub<<"\ndivd:"
14    <<divd;
15
16 }
```

The "Run" button is highlighted in blue. To the right, the "Output" panel displays the program's execution results:

```
/tmp/TZgiBKaN3l.o
enter two numbers:2.3
4.8
sum:7.1
mul:11.04
sub:-2.5
divd:0.479167
```

The status bar at the bottom shows system icons and the text "23:53 29-12-2023".

C++ Identifier | C++ Strings | Exercise v3.0 | Exercise v3.0 | Exercise v3.0 | Online C++ Compiler | Bard

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main.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     char n;
5     cout<<"enter character:";|
6     cin>>n;
7     if(isalpha(n)){
8         n=tolower(n);
9         if(n == 'a'||n == 'e'||n == 'i'||n == 'o'||n == 'u')
10            cout<< "character is vowel";
11        else
12            cout<<"constant";}
13        else
14    {
15        cout<<"is not a constant";
16    }
17    return 0;
18 }
19 }
```

Output

/tmp/TZgiBKaN3l.o
enter character:2
is not a constant

Clear

00:10 30-12-2023

C++ While Loop W3Schools Tryit Editor Bard Online C++ Compiler

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Programiz C++ Online Compiler

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main.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int n;
5     cout<<"enter the number:";
6     cin>>n;
7
8     if(n>0){
9         cout<<"positive";
10    else
11        if(n<0){
12            cout<<"negative";
13        else
14            cout<<"zero";
15    return 0;
16 }
```

Run

Output

/tmp/fQzcPQ0kvo.o
enter the number:0
zero|

Clear

Python Java C C++ JavaScript Go

13:22 30-12-2023

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main.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int n,n1;
5     cout<<"enter the two numbers :";
6     cin>>n>>n1;
7     if(n>n1)
8         cout<<n<< "\tgreater value";
9     else if(n1>n)
10        cout<<n1<< "\tgreater value";
11    else
12        cout<<"both are equals";
13    return 0;
14 }
15 }
```

Run

Output

Clear

```
/tmp/fQzcPQ0kvo.o
enter the two numbers :4
6
6 greater value
```

13:43 30-12-2023

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main.cpp

```
1 #include<iostream>
2 #include<cmath>
3 using namespace std;
4 int main(){
5     double n;
6     cout<<"enter the floating number:";
7     cin>>n;
8     int roundedDown =floor(n);
9     int roundedUp =ceil(n);
10    int nearestint =(n-roundedDown<roundedUp-n)?
11        roundedDown : roundedUp;
12    cout<<"rounded down:"<<roundedDown;
13    cout<<"\nrounded up:"<<roundedUp;
14    cout<<"\nnearest integer:"<<nearestint;
15    return 0;
16 }
```

Output

```
/tmp/fQzcPQ0kvo.o
enter the floating number:3.2
rounded down:3
rounded up:4
nearest integer:3|
```

Clear

14:01 30-12-2023

The screenshot shows a web browser window with three tabs open:

- C++ Tutorial
- Bard
- Online C++ Compiler

The URL in the address bar is programiz.com/cpp-programming/online-compiler/.

The main content area is a C++ online compiler. It features a code editor on the left containing the following C++ code:

```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int a,b;
5     cout<<"enter the two numbers:";
6     cin>>a>>b;
7     cout<<"before swapping:x=<< a<<,y=<< b;
8     cout<<"\n"after swapping:x=<< b<<,x=<< a;
9     return 0;
10 }
```

To the right of the code editor is an "Output" panel displaying the results of running the program. The output shows:

```
/tmp/Hk9DOMIrDz.o
enter the two numbers:3
6
before swapping:x=3,y=6
after swapping:x=6,x=3
```

Below the code editor and output panel are several small icons representing different programming languages and frameworks.

The system tray at the bottom right shows the date and time as 30-12-2023 20:59.

Bard | Assignment 2 OPERATOR AND | Online C++ Compiler | +

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Programiz C++ Online Compiler

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main.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main(){
4     int n,n1;
5     cout<<"enter two numbers:";
6     cin>>n>>n1;
7     cout<<(n == n1?"there are equal." : "there are not equal");
8     return 0;
9 }
```

Run

Output

Clear

```
/tmp/mkTAabeG1s.o
enter two numbers:23
23
there are equal.|
```

19:41 02-01-2024

Bard | Assignment 2 OPERATOR AND EXPRESSIONS | Online C++ Compiler | +

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main.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main(){
4     int n;
5     cout<<"enter number:";
6     cin>>n;
7     cout<<n<<(n%3==0 ? "it is divisible":"it is not divisible");
8     return 0;
9 }
```

Output

/tmp/mkTAabeG1s.o
enter number:34
34it is not divisible

Clear

Python | C | C++ | Java | JavaScript | Go

19:49 02-01-2024

Bard | Assignment 2 OPERATOR AND EXPRESSIONS | Online C++ Compiler | +

programiz.com/cpp-programming/online-compiler/

Programiz
C++ Online Compiler [C++ Certification](#)

Clear

main.cpp

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

Output

```
/tmp/mkTAabeG1s.o
1
2
3
4
5
6
7
8
9
10
```

19:56 02-01-2024 6

The screenshot shows a web-based C++ compiler environment on the Programiz website. The code in the editor is a factorial program:

```
1 #include <iostream>
2
3
4 using namespace std;
5
6 int main() {
7     long long num, factorial = 1;
8
9     cout << "Enter a non-negative integer: ";
10    cin >> num;
11
12    if (num < 0) {
13        cout << "Factorial is not defined for negative numbers
14        ." << endl;
15    } else {
16        for (int i = 1; i <= num; ++i) {
17            factorial *= i;
18        }
19        cout << "Factorial of " << num << " = " << factorial <<
20        endl;
21    }
22}
```

The output window shows the program's execution:

```
/tmp/mkTAabeG1s.o
Enter a non-negative integer: 5
Factorial of 5 = 120
```

The browser tabs at the top include 'Bard', 'Assignment 2 OPERATOR AND...', and 'Online C++ Compiler'. The status bar at the bottom right shows the date and time: 02-01-2024 20:05.

C:\Users\Admin\Documents\largest.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug largest.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a,b,c;
6     cout<<"enter the three numbers:";
7     cin>>a>>b>>c;
8     int largest=(a>b)?((a>c)?a:c):((b>c)?b:c);
9     cout<<"largest number is:"<<largest;
10    return 0;
11 }
```

C:\Users\Admin\Documents\largest.exe

```
enter the three numbers:1
6
9
largest number is:9
-----
Process exited after 7.287 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Admin\Documents\largest.exe
- Output Size: 1.83242321014404 MiB
- Compilation Time: 3.42s

Line: 10 Col: 14 Sel: 0 Lines: 11 Length: 222 Insert Done parsing in 0.015 seconds

09:16 02-01-2024 ENG