```cpp
#include <iostream>
using namespace std;

int main() {
    int num1, num2, result;

    cout << "Enter first integer: ";
    cin >> num1;

    cout << "Enter second integer: ";
    cin >> num2;

    result = ((num1 + num2) * 3) - 10;

    cout << "The result is: " << result << endl;

    return 0;
}
```

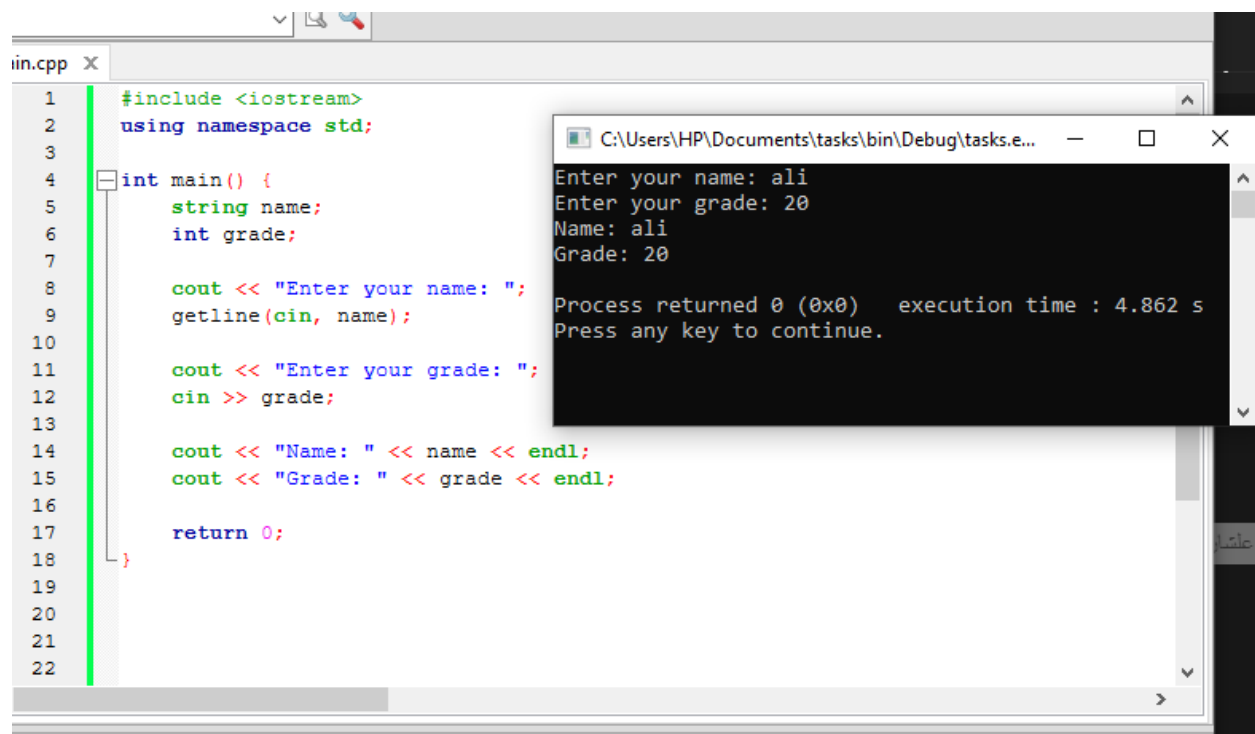C:\Users\HP\Documents\tasks\bin\Debug\t...

```
Enter second integer: 20
The result is: 80

Process returned 0 (0x0)    execution time : 6.338
s
Press any key to continue.
```

Logs & others

Code::Blocks ✕   Search results ✕   ✕   CppC

\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files\Polyspace
\R2020a\bin;C:\Program Files\Microsoft SQL Server\Client SDK\ODBC\170\Tools\Binn;C:\Program Files
(x86)\Microsoft SQL Server\150\Tools\Binn;C:\Program Files\Microsoft SQL Server\150\Tools\Binn;C:\Program
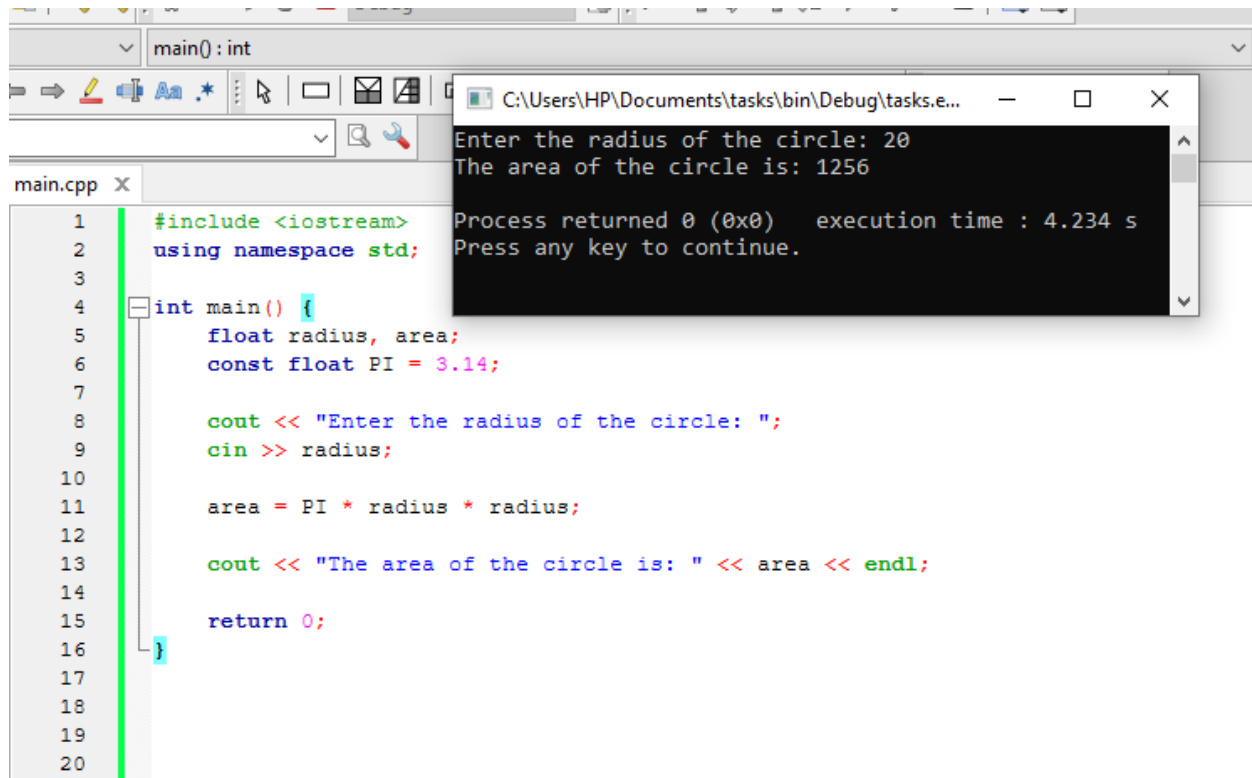Files\Microsoft SQL Server\150\DTS\Binn;C:\Program Files (x86)\Windows Kits\8.1\Windows Performance

```cpp
#include <iostream>
using namespace std;

int main() {
    string name;
    int grade;

    cout << "Enter your name: ";
    getline(cin, name);

    cout << "Enter your grade: ";
    cin >> grade;

    cout << "Name: " << name << endl;
    cout << "Grade: " << grade << endl;

    return 0;
}
```

```
C:\Users\HP\Documents\tasks\bin\Debug\tasks.e...

Enter your name: ali
Enter your grade: 20
Name: ali
Grade: 20

Process returned 0 (0x0)    execution time : 4.862 s
Press any key to continue.
```

main.cpp X

```cpp
#include <iostream>
using namespace std;

int main() {
    float radius, area;
    const float PI = 3.14;

    cout << "Enter the radius of the circle: ";
    cin >> radius;

    area = PI * radius * radius;

    cout << "The area of the circle is: " << area << endl;

    return 0;
}
```

C:\Users\HP\Documents\tasks\bin\Debug\tasks.e...

```
Enter the radius of the circle: 20
The area of the circle is: 1256

Process returned 0 (0x0)    execution time : 4.234 s
Press any key to continue.
```

```cpp
#include <iostream>
using namespace std;

int main() {
    float num1, num2, num3, average;

    cout << "Enter first number: ";
    cin >> num1;

    cout << "Enter second number: ";
    cin >> num2;

    cout << "Enter third number: ";
    cin >> num3;

    average = (num1 + num2 + num3) / 3;

    cout << "The average is: " << average << endl;

    return 0;
}
```

C:\Users\HP\Document...

```
Enter second number: 45
Enter third number: 67
The average is: 115.333

Process returned 0 (0x0)    execution
 time : 6.622 s
Press any key to continue.
```

Logs & others

Code::Blocks ✕   Search results ✕   Cccc ✕   Build log ✕   Build messages ✕   CppCheck/Vera++ ✕   Cpp

```cpp
#include <iostream>
using namespace std;

int main() {
    char ch;
    cout << "Enter a character: ";
    cin >> ch;
    cout << "The ASCII value of '" << ch << "' is " << int(ch) << endl;
    return 0;
}
```

```
C:\Users\HP\Documents\tasks\bin\Debug\tasks.exe        —     □     X

Enter a character: ▢
The ASCII value of '?' is 63

Process returned 0 (0x0)    execution time : 3.048 s
Press any key to continue.
```

main.cpp

```cpp
#include <iostream>
using namespace std;

int main() {
    int num1, num2;
    cout << "Enter two integers: ";
    cin >> num1 >> num2;

    if (num1 == num2) {
        cout << "The numbers are equal." << endl;
    } else {
        cout << "The numbers are not equal." << endl;
        if (num1 > num2)
            cout << num1 << " is greater than " << num2 << endl;
        else
            cout << num2 << " is greater than " << num1 << endl;
    }

    return 0;
}
```

```
C:\Users\HP\Documents\tasks\bin\Debug\tasks.exe

Enter two integers: 1 2
The numbers are not equal.
2 is greater than 1

Process returned 0 (0x0)   execution time : 4.314 s
Press any key to continue.
```

```cpp
1       #include <iostream>
2       using namespace std;
3
4     int main() {
5           int a, b, c;
6           cout << "Enter three integers: ";
7           cin >> a >> b >> c;
8
9           int smallest = a;
10          if (b < smallest) smallest = b;
11          if (c < smallest) smallest = c;
12
13          cout << "The smallest number is: " << smallest << endl;
14          return 0;
15    }
16
17
18
19
20
```

C:\Users\HP\Documents\tasks\bin\Debug\tasks.exe

```
Enter three integers: 20 450 56
The smallest number is: 20

Process returned 0 (0x0)   execution time : 6.686 s
Press any key to continue.
```
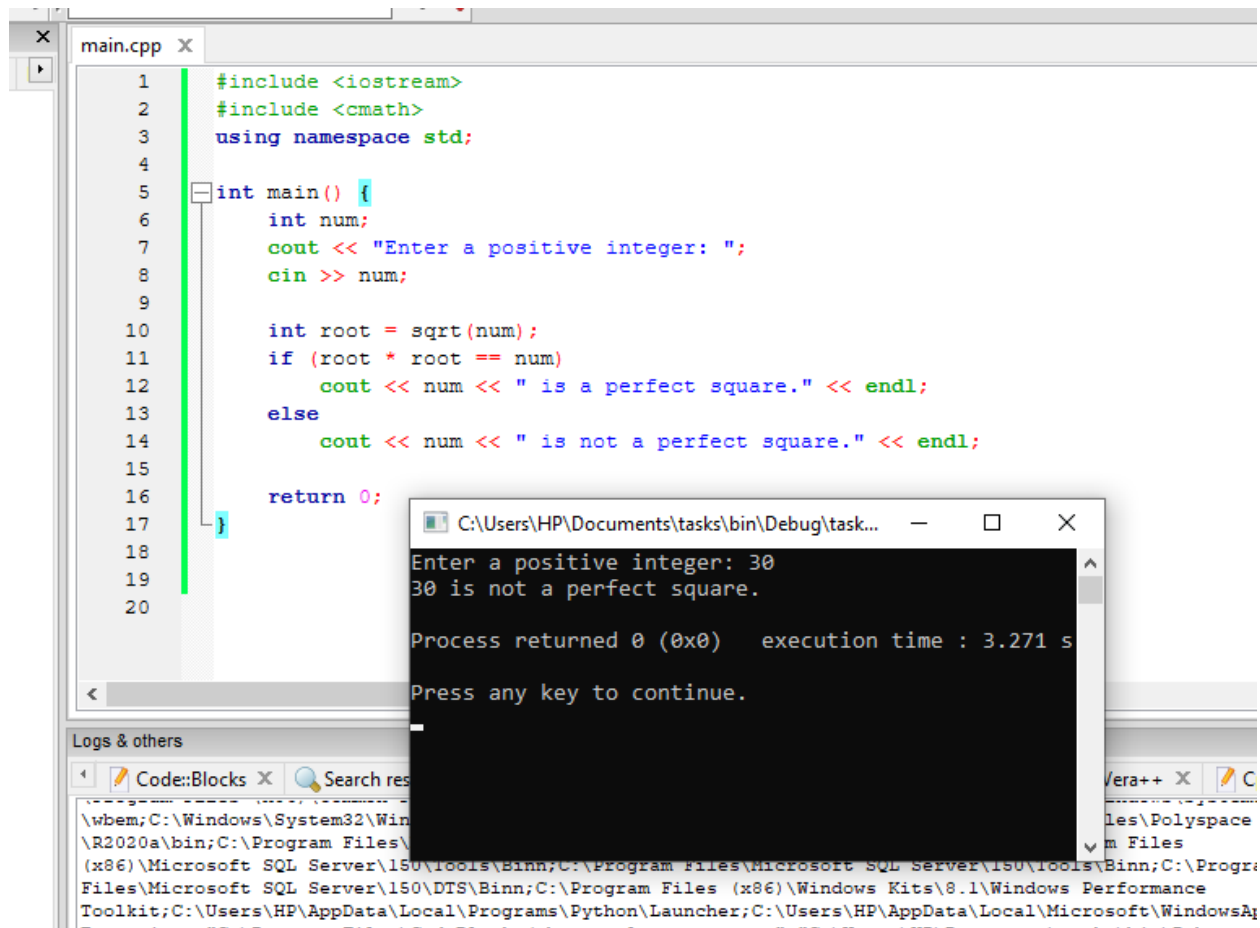
s & others

Code::Block   /Vera++

wbem;C:\Windo
2020a\bin;C:\Program Files\Microsoft SQL Server\Client SDK\ODBC\170\Tools\Binn;C:\Program Files
t86)\Microsoft SQL Server\150\Tools\Binn;C:\Program Files\Microsoft SQL Server\150\Tools\Binn;C

```cpp
#include <iostream>
#include <cmath>
using namespace std;

int main() {
    int num;
    cout << "Enter a positive integer: ";
    cin >> num;

    int root = sqrt(num);
    if (root * root == num)
        cout << num << " is a perfect square." << endl;
    else
        cout << num << " is not a perfect square." << endl;

    return 0;
}
```

```
main.cpp
```

```
C:\Users\HP\Documents\tasks\bin\Debug\task...

Enter a positive integer: 30
30 is not a perfect square.

Process returned 0 (0x0)   execution time : 3.271 s

Press any key to continue.
```

Logs & others

Code::Blocks   Search res   Vera++   C

\wbem;C:\Windows\System32\Win   les\Polyspace
\R2020a\bin;C:\Program Files\   m Files
(x86)\Microsoft SQL Server\150\Tools\Binn;C:\Program Files\Microsoft SQL Server\150\Tools\Binn;C:\Progra
Files\Microsoft SQL Server\150\DTS\Binn;C:\Program Files (x86)\Windows Kits\8.1\Windows Performance
Toolkit;C:\Users\HP\AppData\Local\Programs\Python\Launcher;C:\Users\HP\AppData\Local\Microsoft\WindowsA

```cpp
using namespace std;

int main() {
    int grade;
    cout << "Enter student grade: ";
    cin >> grade;

    if (grade >= 85)
        cout << "Excellent" << endl;
    else if (grade >= 75)
        cout << "Very Good" << endl;
    else if (grade >= 65)
        cout << "Good" << endl;
    else if (grade >= 50)
        cout << "Pass" << endl;
    else
        cout << "Fail" << endl;

    return 0;
}
```

C:\Users\HP\Documents\tasks\bin\Debug\tasks.e...

```
Enter student grade: 60
Pass

Process returned 0 (0x0)   execution time : 11.089 s
Press any key to continue.
```

```
17                cout << "Result: " << num1 + num2 << endl;
18                break;
19            case '-':
20                cout << "Result: " << num1 - num2 << endl;
21                break;
22            case '*':
23                cout << "Result: " << num1 * num2 << endl;
24                break;
25            case '/':
26                if (num2 != 0)
27                    cout << "Result: " << num1 / num2 << endl;
28                else
29                    cout << "Error: Division by zero!" << endl;
30                break;
31            default:
32                cout << "Invalid operator." << endl;
33        }
34
35        return 0;
36    }
37
38
```
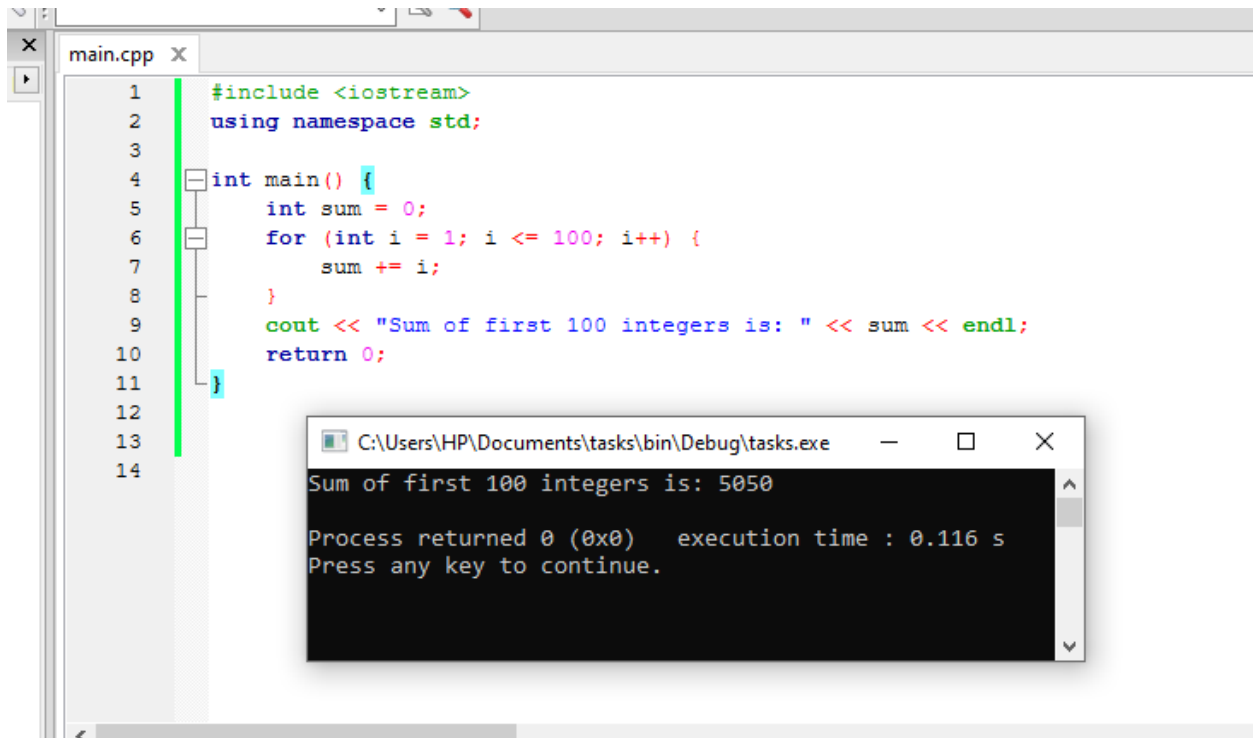
C:\Users\HP\Documents\tasks\bin\Debug\tasks.e...   —   □   X

```
Enter first number: 30
Enter operator (+, -, *, /): *
Enter second number: 400
Result: 12000

Process returned 0 (0x0)   execution time : 13.396 s
Press any key to continue.
```

gs & others

Code::Blocks X   Search resu   ++ X   C

```
wbem;C:\Windows\System32\Wind                                    \Polyspace
R2020a\bin;C:\Program Files\M                              v iles
x86)\Microsoft SQL Server\150\Tools\Binn;C:\Program Files\Microsoft SQL Server\150\Tools\Binn;C:\Progra
iles\Microsoft SQL Server\150\DTS\Binn;C:\Program Files (x86)\Windows Kits\8.1\Windows Performance
```

```cpp
#include <iostream>
using namespace std;

int main() {
    int sum = 0;
    for (int i = 1; i <= 100; i++) {
        sum += i;
    }
    cout << "Sum of first 100 integers is: " << sum << endl;
    return 0;
}
```

```
C:\Users\HP\Documents\tasks\bin\Debug\tasks.exe

Sum of first 100 integers is: 5050

Process returned 0 (0x0)   execution time : 0.116 s
Press any key to continue.
```

main.cpp ✕

```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main() {
5        int rows = 5;
6
7        for (int i = 1; i <= rows; i++) {
8            for (int j = 1; j <= i; j++) {
9                cout << "* ";
10           }
11           cout << endl;
12       }
13
14       re
15   }
16
17
18
```

C:\Users\HP\Documents\tasks\bin\Debug\tasks.exe — ☐ ✕

```
*
* *
* * *
* * * *
* * * * *

Process returned 0 (0x0)   execution time : 0.119 s
Press any key to continue.
```

Logs & others

◀ 📝 Code::Blocks ✕   🔍 Search results ✕   📝 Cccc ✕   ⚙ Build log ✕   🔶 Build messages ✕   📝 CppCheck/Vera-

\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files