



```
1 #include <iostream>
2 int main() {
3     int num1, num2;
4     std::cout << "Enter the first number: ";
5     std::cin >> num1;
6     std::cout << "Enter the second number: ";
7     std::cin >> num2;
8     std::string result = (num1 == num2) ? "Equal" : "Not Equal";
9     std::cout << "The numbers are " << result << std::endl;
10    return 0;
11 }
12
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\2 numbers equal or not - without ternary operator.exe
- Output Size: 1.83564949035645 MiB
- Compilation Time: 0.73s
```

```
C:\Users\mahic\OneDrive\Desktop\c++\2 numbers equal or not - without ternary operator.cpp
Enter the first number: 4
Enter the second number: 5
The numbers are Not Equal

-----
Process exited after 4.434 seconds with return value 0
Press any key to continue . . .
```

C:\Users\mahic\OneDrive\Desktop\c++\largest among three numbers.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

greater than two integers.cpp float to nearest integer.cpp swap- using XOR.cpp largest among three numbers.cpp

```
1 #include <iostream>
2 int main() {
3     int num1, num2, num3;
4     std::cout << "Enter three numbers: ";
5     std::cin >> num1 >> num2 >> num3;
6     int largest = (num1 > num2) ? ((num1 > num3) ? num1 : num3) : ((num2 > num3) ? num2 : num3);
7     std::cout << "The largest number is: " << largest << std::endl;
8     return 0;
9 }
10
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\largest among three numbers.exe  
- Output Size: 1.83263969421387 MiB  
- Compilation Time: 0.75s

Line: 7 Col: 68 Sel: 0 Lines: 10 Length: 331 Insert Done parsing in 0 seconds

```
C:\Users\mahic\OneDrive
Enter three numbers: 4
5
6
The largest number is: 6

-----
Process exited after 5.761 seconds with return value 0
Press any key to continue . . . |
```

```
1  #include <iostream>
2  int main() {
3      int num1, num2;
4      std::cout << "Enter the first integer: ";
5      std::cin >> num1;
6      std::cout << "Enter the second integer: ";
7      std::cin >> num2;
8      if (num1 > num2) {
9          std::cout << num1 << " is greater than " << num2 << "." << std::endl;
10     } else if (num2 > num1) {
11         std::cout << num2 << " is greater than " << num1 << "." << std::endl;
12     } else {
13         std::cout << num1 << " and " << num2 << " are equal." << std::endl;
14     }
15     return 0;
16 }
17
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\greater than two integers.exe
- Output Size: 1.83312606811523 MiB
- Compilation Time: 0.80s
```

```
C:\Users\mahic\OneDrive\Desktop\c++\greater than two integers.exe
Enter the first integer: 5
Enter the second integer: 10
10 is greater than 5.

-----
Process exited after 5.255 seconds with return value 0
Press any key to continue . . .
```



```
1  #include <iostream>
2  int main() {
3      int num1, num2;
4      std::cout << "Enter the first integer: ";
5      std::cin >> num1;
6      std::cout << "Enter the second integer: ";
7      std::cin >> num2;
8      if (num1 > num2) {
9          std::cout << num1 << " is greater than " << num2 << "." << std::endl;
10     } else if (num2 > num1) {
11         std::cout << num2 << " is greater than " << num1 << "." << std::endl;
12     } else {
13         std::cout << num1 << " and " << num2 << " are equal." << std::endl;
14     }
15     return 0;
16 }
17
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\greater than two integers.exe
- Output Size: 1.83312606811523 MiB
- Compilation Time: 0.80s
```



(globals)

Project Classes Debug math oper.cpp even or odd.cpp avg of 3 numbers.cpp two numbers equal or not.cpp m

```
1  #include <iostream>
2  int main() {
3      float number;
4      std::cout << "Enter a number: ";
5      std::cin >> number;
6      if (number > 0) {
7          std::cout << number << " is positive." << std::endl;
8      } else if (number < 0) {
9          std::cout << number << " is negative." << std::endl;
10     } else {
11         std::cout << number << " is zero." << std::endl;
12     }
13     return 0;
14 }
15
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\neg, pos
- Output Size: 1.83262920379639 MiB
- Compilation Time: 0.70s
```

Line: 13 Col: 1 Sel: 0 Lines: 16 Length: 395 Insert Done parsing in 0.016 seconds



```
1  #include <iostream>
2  int main() {
3      char ch;
4      std::cout << "Enter a character: ";
5      std::cin >> ch;
6      ch = tolower(ch);
7      if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u') {
8          std::cout << ch << " is a vowel." << std::endl;
9      } else if ((ch >= 'a' && ch <= 'z')) {
10         std::cout << ch << " is a consonant." << std::endl;
11     } else {
12         std::cout << ch << " is not an alphabetic character." << std::endl;
13     }
14     return 0;
15 }
16
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\vowel or consonant.exe
- Output Size: 1.83279895782471 MiB
- Compilation Time: 0.70s
```





```
1  #include <iostream>
2  int main() {
3      float num1, num2;
4      std::cout << "Enter two floating-point numbers: ";
5      std::cin >> num1 >> num2;
6      std::cout << "Addition: " << (num1 + num2) << std::endl;
7      std::cout << "Subtraction: " << (num1 - num2) << std::endl;
8      std::cout << "Multiplication: " << (num1 * num2) << std::endl;
9      if (num2 != 0) {
10         std::cout << "Division: " << (num1 / num2) << std::endl;
11     } else {
12         std::cout << "Division by zero is not allowed." << std::endl;
13     }
14     return 0;
15 }
16
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\math op - float.exe
- Output Size: 1.83311653137207 MiB
- Compilation Time: 0.78s
```

Enter two floating-point numbers: 2.4

1.4

Addition: 3.8

Subtraction: 1

Multiplication: 3.36

Division: 1.71429

-----

Process exited after 6.759 seconds with return value 0

Press any key to continue . . .



```
1  #include <iostream>
2  int main() {
3      int num1, num2;
4      std::cout << "Enter the first number: ";
5      std::cin >> num1;
6      std::cout << "Enter the second number: ";
7      std::cin >> num2;
8      if (num1 == num2) {
9          std::cout << "The numbers are equal." << std::endl;
10     } else {
11         std::cout << "The numbers are not equal." << std::endl;
12     }
13     return 0;
14 }
15
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\two numbers e
- Output Size: 1.83263683319092 MiB
- Compilation Time: 0.91s
```



```
Enter the first number: 2
Enter the second number: 2
The numbers are equal.
```

```
-----
Process exited after 5.315 seconds with return valu
e 0
Press any key to continue . . .
```





```
1  #include <iostream>
2  int main() {
3      int num1, num2, num3;
4      std::cout << "Enter three integers: ";
5      std::cin >> num1 >> num2 >> num3;
6      double average = (num1 + num2 + num3) / 3.0;
7      std::cout << "The average is: " << average << std::endl;
8      return 0;
9  }
10
```

Abort Compilation

☐ Shorten compiler paths

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\avg of 3
- Output Size: 1.83262920379639 MiB
- Compilation Time: 0.81s
```



Enter three integers: 10

20

30

The average is: 20

-----

Process exited after 5.59 seconds with return value 0

Press any key to continue . . .



```
1  #include <iostream>
2  int main() {
3      int number;
4      std::cout << "Enter an integer: ";
5      std::cin >> number;
6      if (number % 2 == 0) {
7          std::cout << number << " is even." << std::endl;
8      } else {
9          std::cout << number << " is odd." << std::endl;
10     }
11     return 0;
12 }
13
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\evven or odd.
- Output Size: 1.83260917663574 MiB
- Compilation Time: 1.05s
```

☐ Shorten compiler paths

Enter an integer: 4

4 is even.

-----

Process exited after 4.086 seconds with return value 0

Press any key to continue . . . |



Project Classes Debug math oper.cpp

```
1  #include <iostream>
2  int main() {
3      int num1, num2;
4      std::cout << "Enter two integers: ";
5      std::cin >> num1 >> num2;
6      std::cout << "Addition: " << (num1 + num2) << std::endl;
7      std::cout << "Subtraction: " << (num1 - num2) << std::endl;
8      std::cout << "Multiplication: " << (num1 * num2) << std::endl;
9      if (num2 != 0) {
10         std::cout << "Division: " << (num1 / num2) << std::endl;
11         std::cout << "Modulo: " << (num1 % num2) << std::endl;
12     } else {
13         std::cout << "Division by zero is not allowed." << std::endl;
14     }
15     return 0;
16 }
17
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\math oper.exe
- Output Size: 1.83309745788574 MiB
- Compilation Time: 0.77s
```

☐ Shorten compiler paths

Line: 14 Col: 6 Sel: 0 Lines: 17 Length: 588 Insert Done parsing in 0.016 seconds



C:\Users\mahic\OneDrive

Enter two integers: 10

5

Addition: 15

Subtraction: 5

Multiplication: 50

Division: 2

Modulo: 0

-----

Process exited after 3.537 seconds with return value 0

Press any key to continue . . .



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

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\add all the numbers from 1 to a given number.cpp
- Output Size: 1.83265590667725 MiB
- Compilation Time: 1.14s
```

```
Enter a number: 4
The sum of numbers from 1 to 4 is: 10
```

```
-----
Process exited after 11.93 seconds with return value 0
Press any key to continue . . .
```



(globals)

Project Classes Debug celsius to fahrenheit.cpp 11. celsius to fahrenheit.cpp nth fibonacci number.cpp smallest element missing -

```
1  #include <iostream>
2  #include <algorithm>
3  using namespace std;
4  string toUpperCase(const string& str) {
5      string result = str;
6      transform(result.begin(), result.end(), result.begin(), ::toupper);
7      return result;
8  }
9  string toLowerCase(const string& str) {
10     string result = str;
11     transform(result.begin(), result.end(), result.begin(), ::tolower);
12     return result;
13 }
14 string reverseString(const string& str) {
15     string reversed = str;
16     reverse(reversed.begin(), reversed.end());
17     return reversed;
18 }
19 int main() {
20     string input;
21     cout << "Enter a string: ";
22     getline(cin, input);
23     string upperCase = toUpperCase(input);
24     cout << "Uppercase: " << upperCase << endl;
25     string lowerCase = toLowerCase(input);
26     cout << "Lowercase: " << lowerCase << endl;
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\uppercase, lowercase
- Output Size: 1.83993530273438 MiB
- Compilation Time: 0.95s
```

Line: 28 Col: 46 Sel: 0 Lines: 31 Length: 927 Insert Done parsing in 0.031 seconds



C:\Users\mahic\OneDrive

Enter a string: Good

Uppercase: GOOD

Lowercase: good

Reversed: dooG

```
-----
Process exited after 12.31 seconds with return v
alue 0
Press any key to continue . . .
```

```
1  #include <iostream>
2  int main() {
3      int number;
4      std::cout << "Enter an integer: ";
5      std::cin >> number;
6      std::string result = (number % 3 == 0) ? "Divisible by 3" : "Not divisible by 3";
7      std::cout << "The number " << number << " is " << result << std::endl;
8      return 0;
9  }
10
```

Abort Compilation

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mahic\OneDrive\Desktop\c++\div by 3.exe
- Output Size: 1.83559799194336 MiB
- Compilation Time: 0.91s
```

Enter an integer: 5  
The number 5 is Not divisible by 3

-----  
Process exited after 11.75 seconds with return value 0  
Press any key to continue . . .