C# Exercise Bank

Write a C# Sharp program to swap two numbers. [Go to the editor](https://www.w3resource.com/csharp-exercises/basic/index.php#editorr)  
Test Data:  
Input the First Number : 5  
Input the Second Number : 6  
Expected Output:   
After Swapping :  
First Number : 6   
Second Number : 5

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Write a C# Sharp program to print the output of multiplication of three numbers which will be entered by the user. [Go to the editor](https://www.w3resource.com/csharp-exercises/basic/index.php#editorr)  
Test Data:  
Input the first number to multiply: 2  
Input the second number to multiply: 3  
Input the third number to multiply: 6  
Expected Output:  
2 x 3 x 6 = 36

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Write a C# Sharp program to print on screen the output of adding, subtracting, multiplying and dividing of two numbers which will be entered by the user. [Go to the editor](https://www.w3resource.com/csharp-exercises/basic/index.php#editorr)  
Test Data:  
Input the first number: 25  
Input the second number: 4  
Expected Output:  
25 + 4 = 29  
25 - 4 = 21  
25 x 4 = 100   
25 / 4 = 6  
25 mod 4 = 1

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Write a C# Sharp program to that takes three numbers(x,y,z) as input and print the output of (x+y).z and x.y + y.z. [Go to the editor](https://www.w3resource.com/csharp-exercises/basic/index.php#editorr)  
Test Data:  
Enter first number - 5  
Enter second number - 6  
Enter third number – 7

Expected Output:  
Result of specified numbers 5, 6 and 7, (x+y).z is 77 and x.y + y.z is 72

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Write a C# program to input all sides of a triangle and check whether triangle is valid or not.

Note: In a valid triangle, the sum of every two sides is larger than the third side.

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You are a software developer for a home aplience manifacturer.

Resources

<https://www.w3resource.com/csharp-exercises/basic/index.php>

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- Given an array of ints, write a C# method to total all the values that are even numbers. ([+](https://www.toptal.com/c-sharp/interview-questions))

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Write a program that count the number of occurance of each alphabet (case-insensitive) in a given sentence.

example:

“I’m a user and I know it!”

I 3

m 1

a 2

u 1

s 1

e 1

r 1

n 2

d 1

k 1

o 1

w 1

t 1

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Write a program that finds the sum of digits of a positive integer? ([+](https://ankitsharmablogs.com/csharp-coding-questions-for-technical-interviews/))

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Write a program that finds second largest integer in an array?([+](https://ankitsharmablogs.com/csharp-coding-questions-for-technical-interviews/))

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