# C Programming Exercises, Practice, Solution : Input Output

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## C Basic Input Output statement [10 exercises with solution]

1. Write a program that converts Centigrade to Fahrenheit. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input a temperature (in Centigrade): 45  
113.000000 degrees Fahrenheit.   
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-1.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

2. Write a C program that calculates the volume of a sphere. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input the radius of the sphere : 2.56   
The volume of sphere is 70.276237.  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-2.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

3. Write a C program that prints the perimeter of a rectangle to take its height and width as input. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input the height of the Rectangle : 5   
Input the width of the Rectangle : 7   
Perimeter of the Rectangle is : 24.000000  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-3.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

4. Write a C program that converts kilometers per hour to miles per hour. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input kilometers per hour: 15   
9.320568 miles per hour  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-4.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

5. Write a C program that takes hours and minutes as input, and calculates the total number of minutes. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input hours: 5   
Input minutes: 37   
Total: 337 minutes.  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-5.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

6. Write a program in C that takes minutes as input, and display the total number of hours and minutes. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input minutes: 546   
9 Hours, 6 Minutes  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-6.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

7. Write a program in C that reads a forename, surname and year of birth and display the names and the year one after another sequentially. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input your firstname: Tom   
Input your lastname: Davis   
Input your year of birth: 1982   
Tom Davis 1982  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-7.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

8. Write a program in C to calculate the sum of three numbers with getting input in one line separated by a comma. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input three numbers separated by comma : 5,10,15   
The sum of three numbers : 30  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-8.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

9. Write a C program to perform addition, subtraction, multiplication and  division of two numbers. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input any two numbers separated by comma : 10,5   
The sum of the given numbers : 15   
The difference of the given numbers : 5   
The product of the given numbers : 50   
The quotient of the given numbers : 2.000000   
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-9.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)

10. Write a C program to find the third angle of a triangle if two angles are given. [Go to the editor](https://www.w3resource.com/c-programming-exercises/input-output/index.php" \l "editorr)  
Expected Output :   
Input two angles of triangle separated by comma : 50,70   
Third angle of the triangle : 60  
[Click me to see the solution](https://www.w3resource.com/c-programming-exercises/input-output/c-input-output-statement-exercises-10.php" \t "C:\\Users\\ARBAB\\AppData\\Local\\Temp\\_blank)