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EXAMPLES



C Program to Multiply two Floating Point Numbers

In this program, user is asked to enter two numbers (floating point numbers). Then, the product of those two numbers is stored in a variable and displayed on the screen.





To understand this example, you should have the knowledge of following [C programming](#) topics:

- [C Programming Constants and Variables](#)
- [C Programming Data Types](#)
- [C Input Output \(I/O\)](#)
- [C Programming Operators](#)

Program to Multiply Two Numbers

```
#include <stdio.h>
int main()
{
    double firstNumber, secondNumber, product;
    printf("Enter two numbers: ");

    // Stores two floating point numbers in variable firstNumber and secondNumber
    scanf("%lf %lf", &firstNumber, &secondNumber);

    // Performs multiplication and stores the result in variable productOfTwoNumbers
    product = firstNumber * secondNumber;
```

```
// Result up to 2 decimal point is displayed using %.2lf  
printf("Product = %.2lf", product);  
  
return 0;  
}
```

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Output

```
Enter two numbers: 2.4  
1.12  
Product = 2.69
```

In this program, user is asked to enter two numbers. These two numbers entered by the user is stored in variable `firstNumber` and `secondNumber` respectively. This is done using `scanf()` function.

Then, the product of `firstNumber` and `secondNumber` is evaluated and the result is stored in variable `productOfTwoNumbers`.

Finally, the `productOfTwoNumbers` is displayed on the screen using `printf()` function.

Notice that, the result is round to second decimal place using `%.2lf` conversion character.

Check out these related examples:

- [Swap Two Numbers](#)

- [Make a Simple Calculator Using switch...case](#)
- [Add Two Integers](#)
- [Display Prime Numbers Between Intervals Using Function](#)

[C Program to Find Factorial of a Number](#)

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- [Calculate the Sum of Natural Numbers](#)
- [Add Two Complex Numbers by Passing Structure to a Function](#)



Kotlin Examples

[C "Hello, World!" Program](#)

[Print an Integer \(Entered by the User\)](#)

[Add Two Integers](#)

[Multiply two Floating Point Numbers](#)

[Find ASCII Value of a Character](#)

[Compute Quotient and Remainder](#)

Find the Size of int, float, double and char

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