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EXAMPLES



C Program to Add Two Integers

In this program, user is asked to enter two integers. Then, the sum of those two integers is stored in a variable and displayed on the screen.



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EXAMPLES



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

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

Program to Add Two Integers

```
#include <stdio.h>
int main()
{
    int firstNumber, secondNumber, sumOfTwoNumbers;

    printf("Enter two integers: ");

    // Two integers entered by user is stored using scanf() function
    scanf("%d %d", &firstNumber, &secondNumber);

    // sum of two numbers is stored in variable sumOfTwoNumbers
    sumOfTwoNumbers = firstNumber + secondNumber;
```

```
// Displays sum
printf("%d + %d = %d", firstNumber, secondNumber, sumOfTwoNumbers);

return 0;
```

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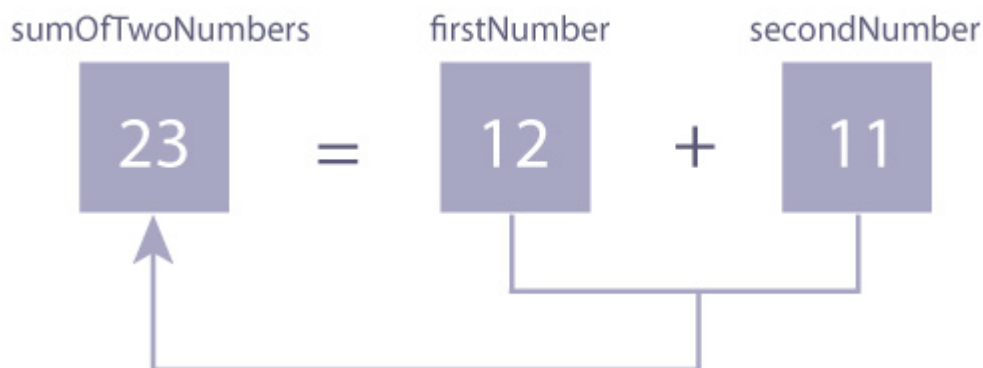


Output

```
Enter two integers: 12
11
12 + 11 = 23
```

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

Then, variables `firstNumber` and `secondNumber` are added using `+` operator and the result is stored in `sumOfTwoNumbers`.



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

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- [Swap Two Numbers](#)
- [Multiply two Floating Point Numbers](#)
- [Print an Integer \(Entered by the User\)](#)
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