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EXAMPLES



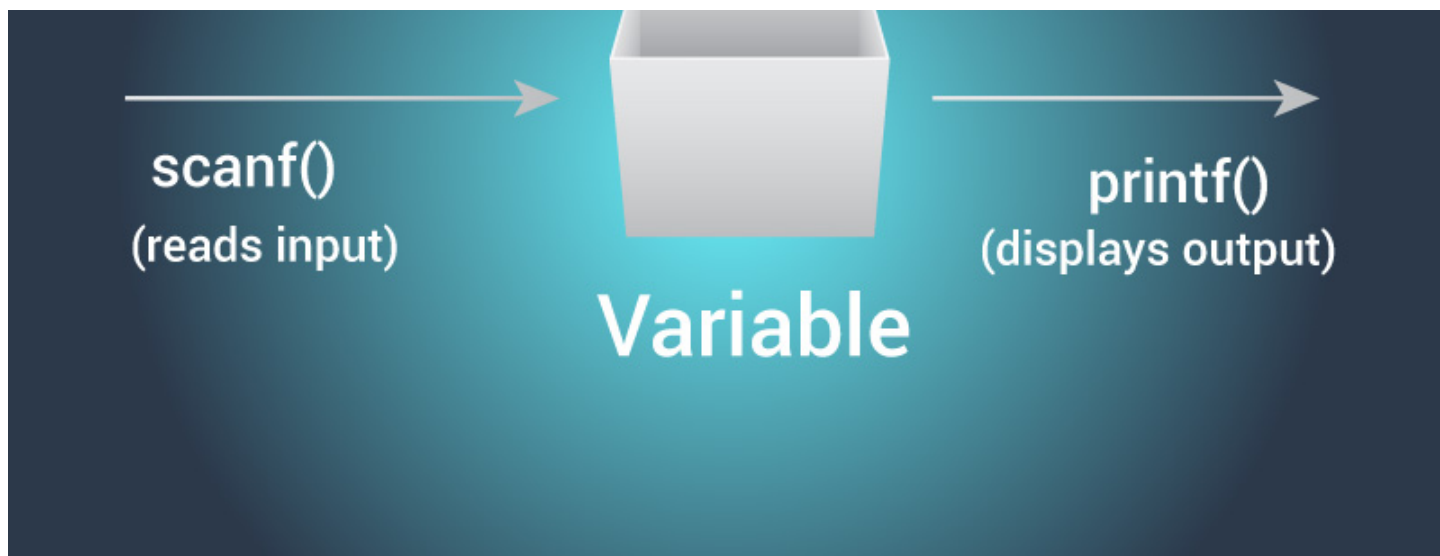
C Program to Print an Integer (Entered by the User)

In this program, integer entered by the user is stored in a variable. Then, that variable is displayed on the screen using printf() function.



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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 \(I/O\)](#)

Program to Print an Integer

```
#include <stdio.h>
int main()
{
    int number;

    // printf() displays the formatted output
    printf("Enter an integer: ");

    // scanf() reads the formatted input and stores them
    scanf("%d", &number);

    // printf() displays the formatted output
    printf("You entered: %d", number);
    return 0;
}
```

Output

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In this program, an integer variable `number` is declared.

The `printf()` function displays `Enter an integer:` on the screen. Then, the `scanf()` function reads an integer data from the user and stores in variable `number`.

Finally, the value stored in the variable `number` is displayed on the screen using `printf()` function.

Check out these related examples:

- [Count Number of Digits in an Integer](#)
- [Check Prime or Armstrong Number Using User-defined Function](#)
- [Display Factors of a Number](#)
- [Check Whether a Number is Even or Odd](#)
- [Find Factorial of a Number](#)
- [Check Whether a Number is Positive or Negative](#)
- [Check Whether a Number is Prime or Not](#)
- [Find Largest Number Using Dynamic Memory Allocation](#)

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[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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