

SLACK

All the tools your team needs in one place. Slack: Where work happens.



TUTORIAL

EXAMPLES



C "Hello, World!" Program

A simple C program to display "Hello, World!" on the screen. Since, it's a very simple program, it is often used to illustrate the syntax of a programming language.



TUTORIAL

EXAMPLES



Hello World!

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

- [C Input Output \(I/O\)](#)

Program to Display "Hello, World!"

```
#include <stdio.h>
int main()
{
    // printf() displays the string inside quotation
    printf("Hello, World!");
    return 0;
}
```

Output

Hello, World!

How "Hello, World!" program works?

- The `#include <stdio.h>` is a preprocessor command. This command tells compiler to include the contents of `stdio.h` (standard input and output) file in the program.

TUTORIAL EXAMPLES



If you use `printf()` function without writing `#include <stdio.h>`, the program will not be compiled.

- The execution of a C program starts from the `main()` function.
- The `printf()` is a library function to send formatted output to the screen. In this program, the `printf()` displays Hello, World! text on the screen.
- The `return 0;` statement is the "Exit status" of the program. In simple terms, program ends with this statement.

Check out these related examples:

- [Display its own Source Code as Output](#)
- [Read a Line From a File and Display it](#)
- [Display Prime Numbers Between Intervals Using Function](#)
- [Print an Integer \(Entered by the User\)](#)
- [Display Characters from A to Z Using Loop](#)
- [Make a Simple Calculator Using switch...case](#)
- [Display Fibonacci Sequence](#)
- [Multiply two Matrices by Passing Matrix to a Function](#)

[TUTORIAL](#)[EXAMPLES](#)

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](#)

Receive the latest tutorial to improve your programming skills

[Join](#)

Get Latest Updates on Programiz

Enter Your Email

TUTORIAL

EXAMPLES



ABOUT
CONTACT
ADVERTISE

Copyright © by Programiz | All rights reserved | Privacy Policy