

# What is C programming language?

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In 1978, Brian Kernighan and Dennis Ritchie publicly published the first description of the C language, known as the K&R standard.

UNIX operating system, C compiler, is all that is needed to write programs in C language. The current C language is widely used in professional environments for the following reasons:

1. Easy to learn
2. Structured language
3. It provides effective programs.
4. It can handle low-level operations.
5. It is compiled by many different platforms.

## The truth about language C

C was originally developed to write an operating system called UNIX.

C is the successor language of the B language introduced in the 1970s.

Language was standardized in 1988 by the American National Standards Institute (ANSI).

UNIX operating system written in C language in 1973.

Today C is most widely used in system programming languages.

Most large applications have inheritance and deployment from C language.

Linux operating system and MySQL database management system are written in C language.

## Why use C?

C was originally developed for system development, especially for operating systems. C is recognized as one of the system development languages because it provides code and runs a code quickly like the language types

Assembly. Some examples of using C are as follows:

1. Operating system
2. Ministry of translating languages
3. Program to translate codes
4. Text Editor (notepad .)
5. Printers
6. Network Drivers
7. Modern programs
8. Database
9. Language interpreter
10. Utilities

## Program C

A C program can change from 3 lines to millions of lines of code, and should be written in one or more files in the ". C " format, eg **hello.c** . You can use " **vi** ", " **vim** " or any editor to write a C program into a file.

The tutorial assumes you already know how to use editors and how to write source code - code inside a program file.

### According to Tutorialspoint

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Next article: Union in C

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