

In these C++ series, we are going to learn about the C++ programming language from the very basic to the industry level.

Topics Covered

- What is programming & why C++?
- Installation of Visual Studio Code.
- Installation of C++
- Writing our first program & executing it.

What is programming

Just like we use Hindi or English to communicate with each other, we use a programming language like C++ to communicate with the computer.

programming is a way to instruct the computer to perform various tasks.

Why C++

C++ is a powerful general-purpose programming language. It can be used to develop operating systems, browsers, games, & so on.

C++ supports, different ways of programming like procedural, object oriented, functional, & go on. This makes C++ powerful as well as flexible.

About C++ programming

- Multi-Paradigm-Language -

C++ support at least seven different style of programming. Developer can choose any of these style.

- General Purpose Language -

you can use C++ to develop game, desktop apps, operating system, & go on.

- Speed -

Like C programming, the performance of optimized C++ code is exceptional.

- Object oriented -

C++ allows you to divide complex problem into smaller set by using object.

Installation of G++

g++ is a compiler that helps us convert our source code into a .exe file. Below are some steps.

Steps 1: Go to google & search "mingw install" & click on mingw links, as shown in below image.

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Install Visual Studio Code

VS Code can be installed by Microsoft. It can be easy to install from 'code.visualstudio.com' when you click on your OS button, VS Code install right after you complete the setup by executing the file of your platform.

Just install it
like a game!

