

C++ Program

Before starting the abcd of C++ language, you need to learn how to write, compile and run the first C++ program.

To write the first C++ program, open the C++ console and write the following code:

```
#include <iostream.h>
#include<conio.h>
void main() {
    clrscr();
    cout << "Welcome to C++ Programming.";
    getch();
}
```

#include<iostream.h> includes the **standard input output** library functions. It provides **cin** and **cout** methods for reading from input and writing to output respectively.

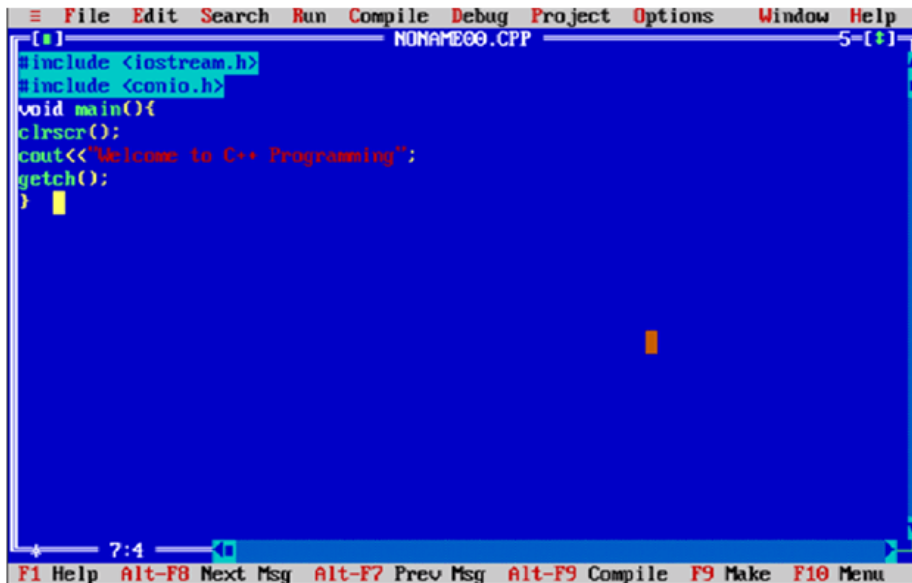
#include <conio.h> includes the **console input output** library functions. The getch() function is defined in conio.h file.

void main() The **main()** function is the entry point of every program in C++ language. The void keyword specifies that it returns no value.

cout << "Welcome to C++ Programming." is used to print the data "Welcome to C++ Programming." on the console.

getch() The getch() function **asks for a single character**. Until you press any key, it blocks the screen.



A screenshot of the Turbo C++ IDE. The menu bar at the top includes File, Edit, Search, Run, Compile, Debug, Project, Options, Window, and Help. The title bar shows 'NONAME00.CPP'. The code editor contains the following C++ code:

```
#include <iostream.h>
#include <conio.h>
void main()
{
    clrscr();
    cout<<"Welcome to C++ Programming";
    getch();
}
```

The status bar at the bottom shows function key shortcuts: F1 Help, Alt-F8 Next Msg, Alt-F7 Prev Msg, Alt-F9 Compile, F9 Make, and F10 Menu.

How to compile and run the C++ program

There are 2 ways to compile and run the C++ program, by menu and by shortcut.

By menu

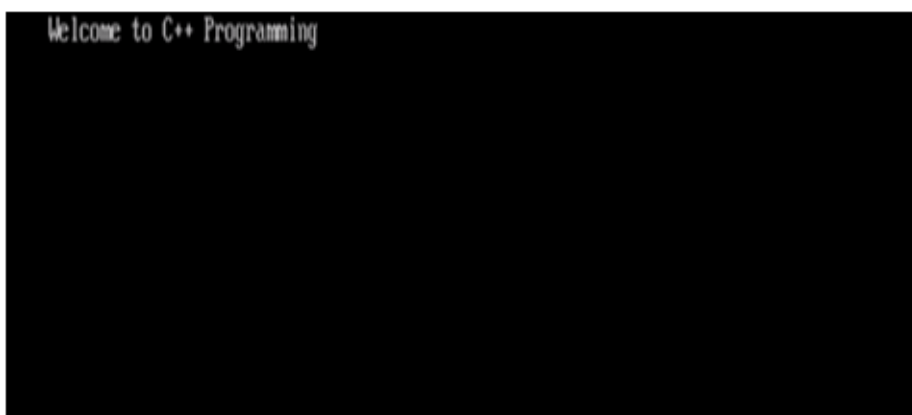
Now **click on the compile menu then compile sub menu** to compile the c++ program.

Then **click on the run menu then run sub menu** to run the c++ program.

By shortcut

Or, press ctrl+f9 keys compile and run the program directly.

You will see the following output on user screen.

A screenshot of the Turbo C++ console window. The background is black, and the text 'Welcome to C++ Programming' is displayed in a light blue monospaced font.

You can view the user screen any time by pressing the **alt+f5** keys.

Now **press Esc** to return to the turbo c++ console.

[< prev](#)[next >](#)

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