

## Downloading turbo c++ in our system:

Open any browser. Type **download turbo c++ for windows**.

Click on the following link.

<https://developerinsider.co/download-turbo-c-for-windows-7-8-8-1-and-windows-10-32-64-bit-full-screen/>

click on download turbo c++

it downloads a file with the name turbo.c.3.2 zip

click on the file. Now it opens winrar app.

Double click on turbo.c.3.2 folder.

Double click on setup.exe file. It opens installation wizard. Click on next → next → next → yes → finish.

When first time we are down loading turbo c++ it prompts to install **.net frame work**. Install this one also.

Now it creates the turbo C++ icon on the desktop.

Double click on this icons and click start turbo c++.

It opens a blue color window as follows.



**This blue window is called**

**IDE – Integrated Development Environment**

**Blue screen**

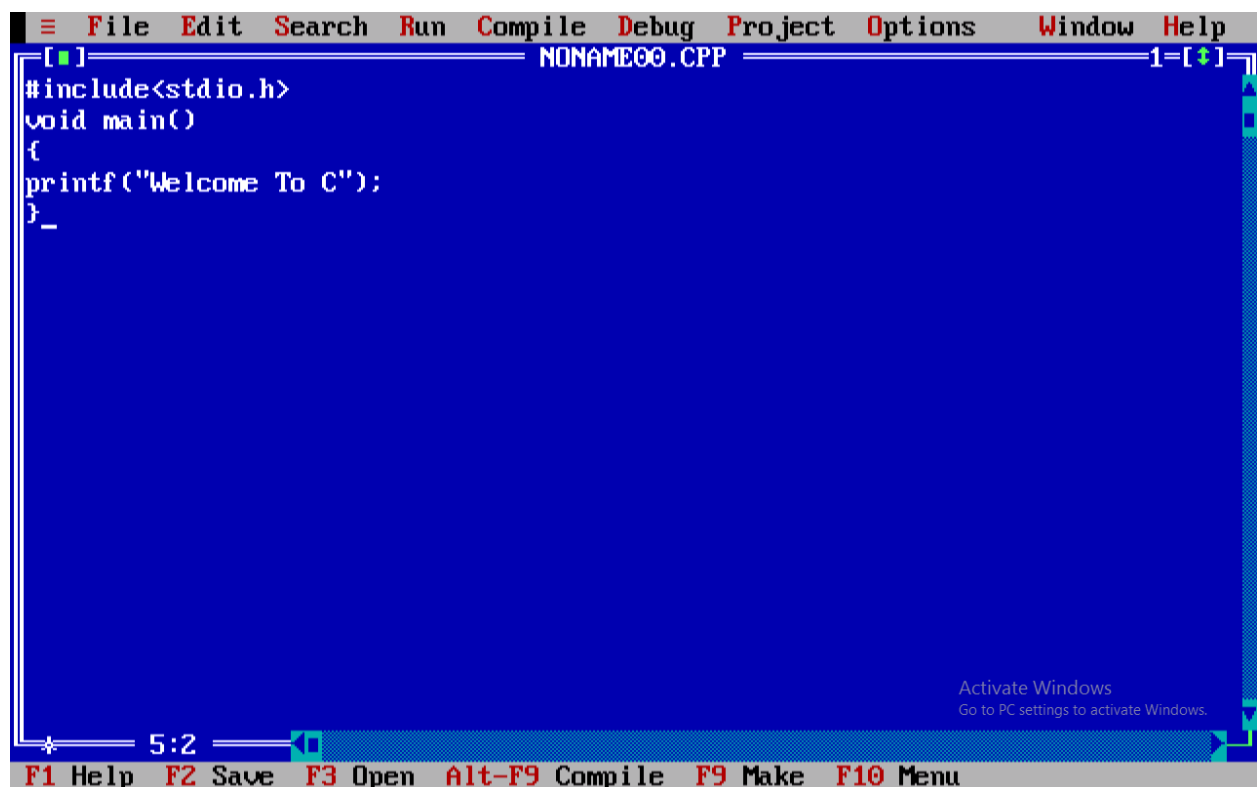
**Editor**

To maximize / restore this window, hold alt key and press enter key.

Here we have to start our program.

Eg:

Here we have to start our program.

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 the file name as NONAME00.CPP. The main editing area has a blue background and contains the following C code:

```
[ ] NONAME00.CPP 1=[ ]
#include<stdio.h>
void main()
{
printf("Welcome To C");
}_
```

The status bar at the bottom shows the cursor position as 5:2 and lists function key shortcuts: F1 Help, F2 Save, F3 Open, Alt-F9 Compile, F9 Make, and F10 Menu. A small watermark in the bottom right corner reads "Activate Windows Go to PC settings to activate Windows."

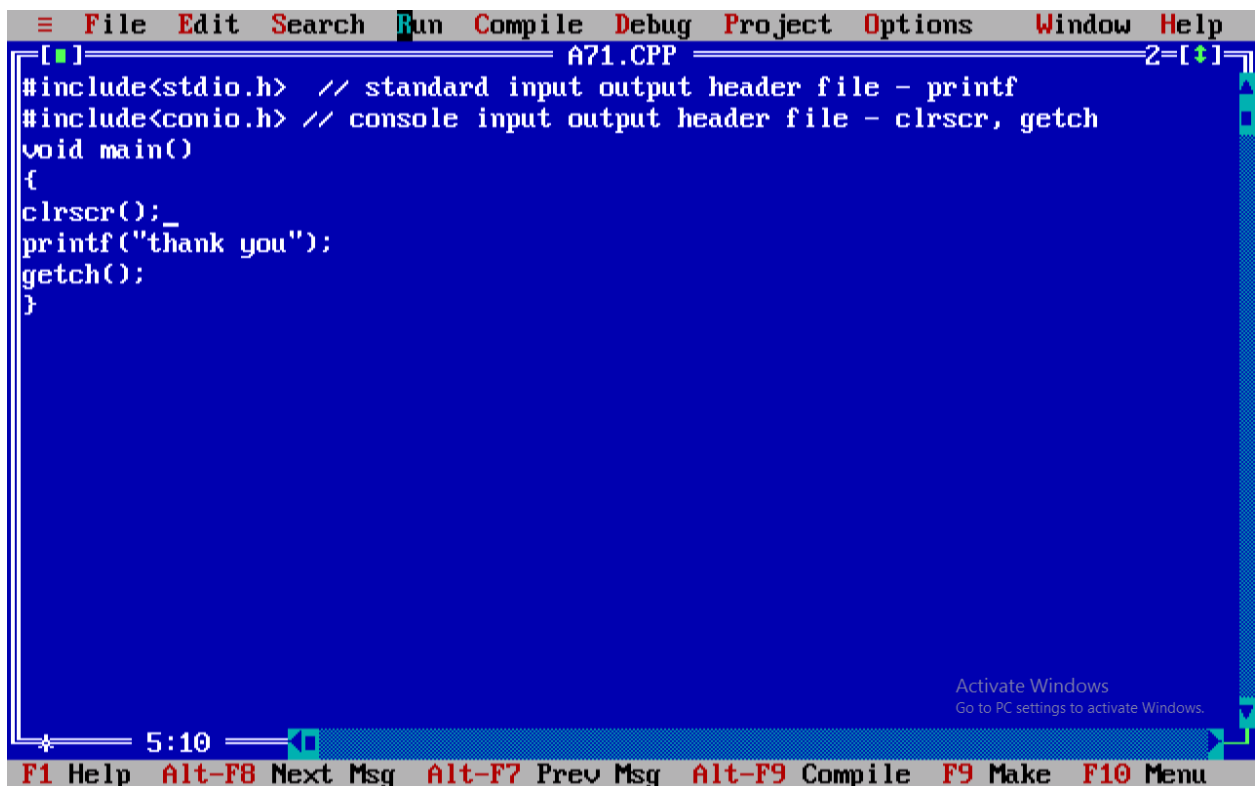
After completion of program, follow the below steps.

1. Save the program - F2 [ In laptop Fn + F2 ]
2. Compile the file – Alt+F9 [ compile menu ]

3.For execution – Ctrl+F9 [Run]

4.For output–alt+f5 [ window menu-user screen]

**Output:** Welcome To C



The screenshot shows the Turbo C++ IDE interface. The menu bar at the top includes File, Edit, Search, Run, Compile, Debug, Project, Options, Window, and Help. The title bar indicates the file is A71.CPP. The code editor contains the following C program:

```
[ ] A71.CPP 2=[+]  
#include<stdio.h> // standard input output header file - printf  
#include<conio.h> // console input output header file - clrscr, getch  
void main()  
{  
clrscr();  
printf("thank you");  
getch();  
}
```

The status bar at the bottom shows the time as 5:10 and various function key shortcuts: F1 Help, Alt-F8 Next Msg, Alt-F7 Prev Msg, Alt-F9 Compile, F9 Make, and F10 Menu. An "Activate Windows" watermark is visible in the bottom right corner of the code editor area.

**Output:** thank you

To open old files click on file menu and open or press F3 button.

To switch between files use F6 button.

To close c press Alt+X - Quit

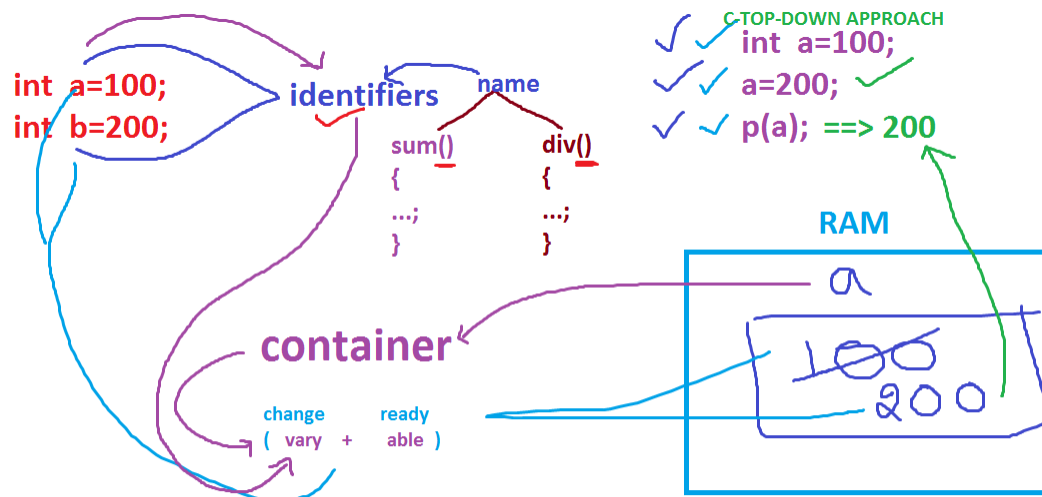
## C – TOKENS

The smallest individual words we are using in designing a c program are called C – Tokens. They are of different types.

1. **Keywords**: The system predefined / reserved words are called keywords. Each keyword is having certain meaning and they should be used in certain positions only. C comes with 32 keywords.

**Eg**: auto, break, char, const, case, continue, do, default, double, else, enum, extern, float, for, goto, int, if, long, while, switch, register, static, typedef, union,....

2. **Identifiers**: Names of variables, functions, files, array, pointer, structure,.....



Eg:

`int a=100;` → variable example

`void sum();` → function example

`myfile.c` → file example

**Identifier naming rules:**