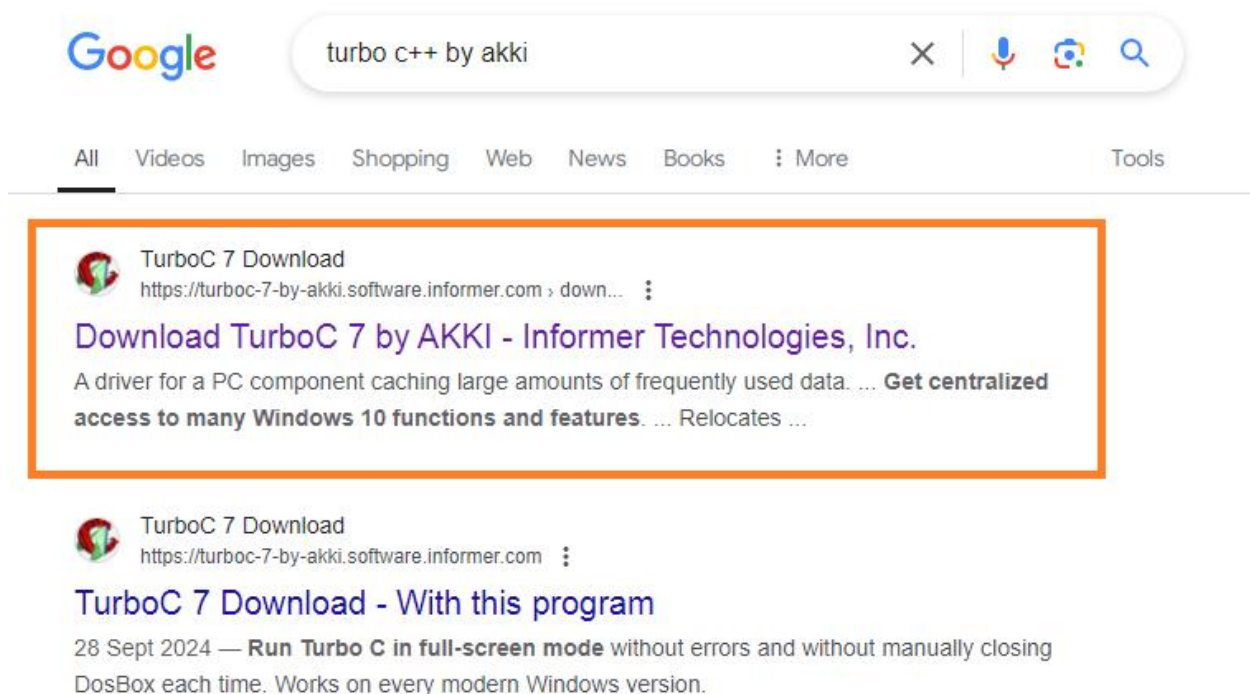


## Installation of Turbo C++:

Dev C++ / VS Code / code blocks / free c / online compiler

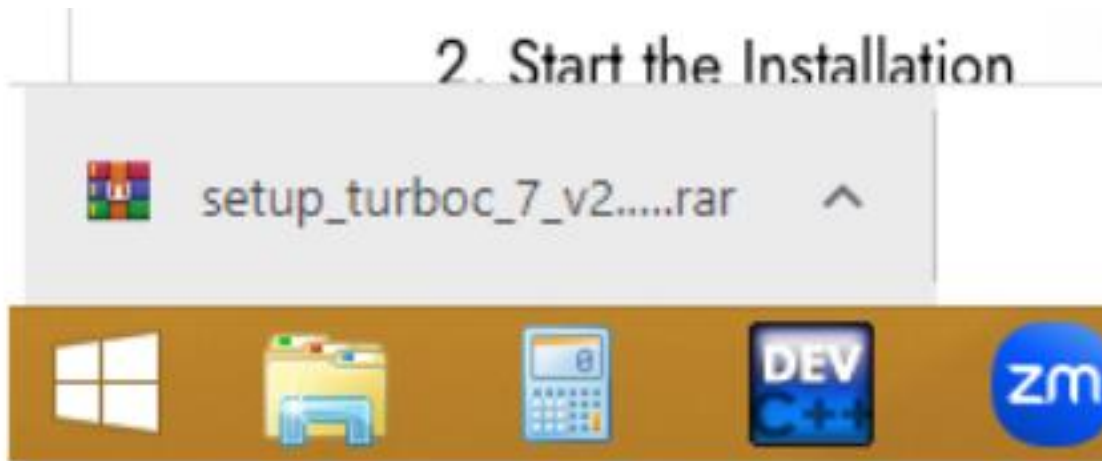
Open a browser [ chrome / edge ]

Type turbo c++ by akki



Click on download turboc 7 by akki link or hold control button and click on below link

<https://turboc-7-by-akki.software.informer.com/download/>



**Download winrar or any unzip software.**

**Click on setup\_turboc\_7\_V2...rar file**

**Double click on Setup\_TurboC\_7\_v2.1.exe**

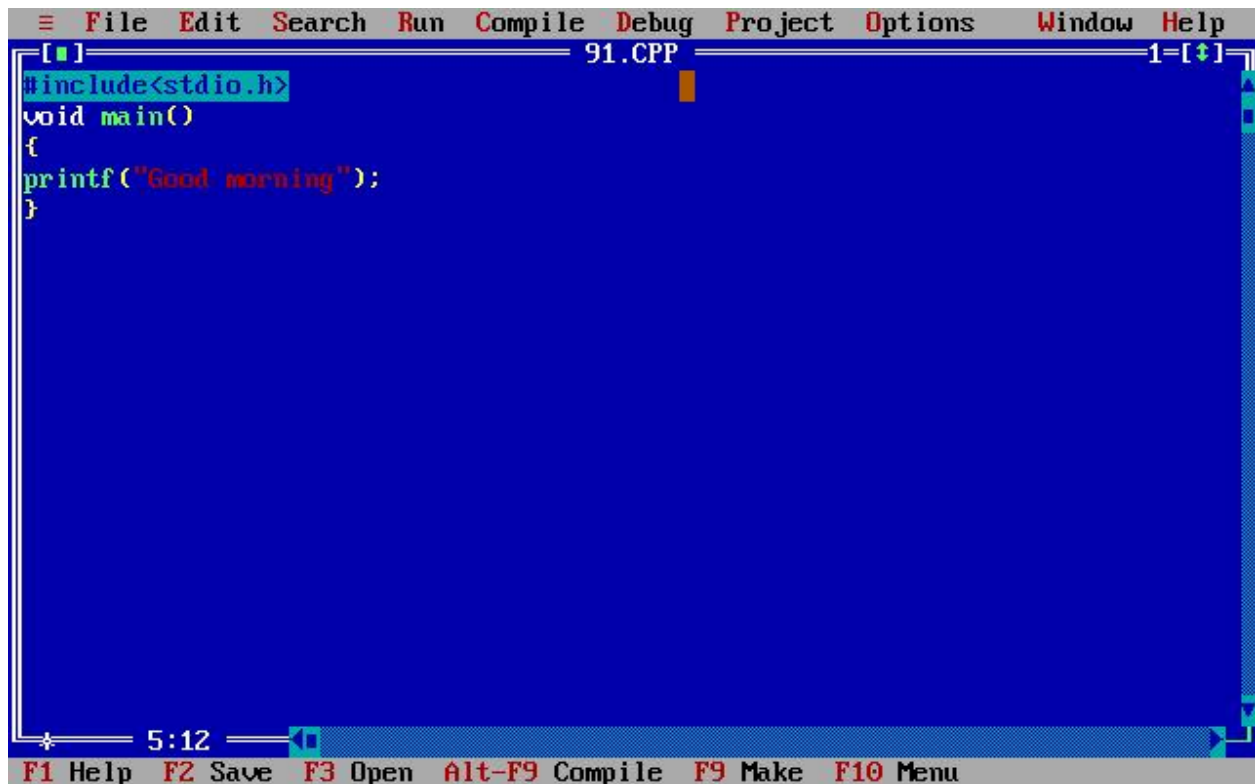
**Click on yes → next → next → next → next → Install → Finish**

**Now a blue window is displayed as follows, which is called IDE – Integrated Development Environment / Blue screen / Editor.**



To get full / half screen alt+enter key

**Sample 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 91.CPP. The code editor has a blue background and contains the following C program:

```
#include<stdio.h>
void main()
{
printf("Good morning");
}
```

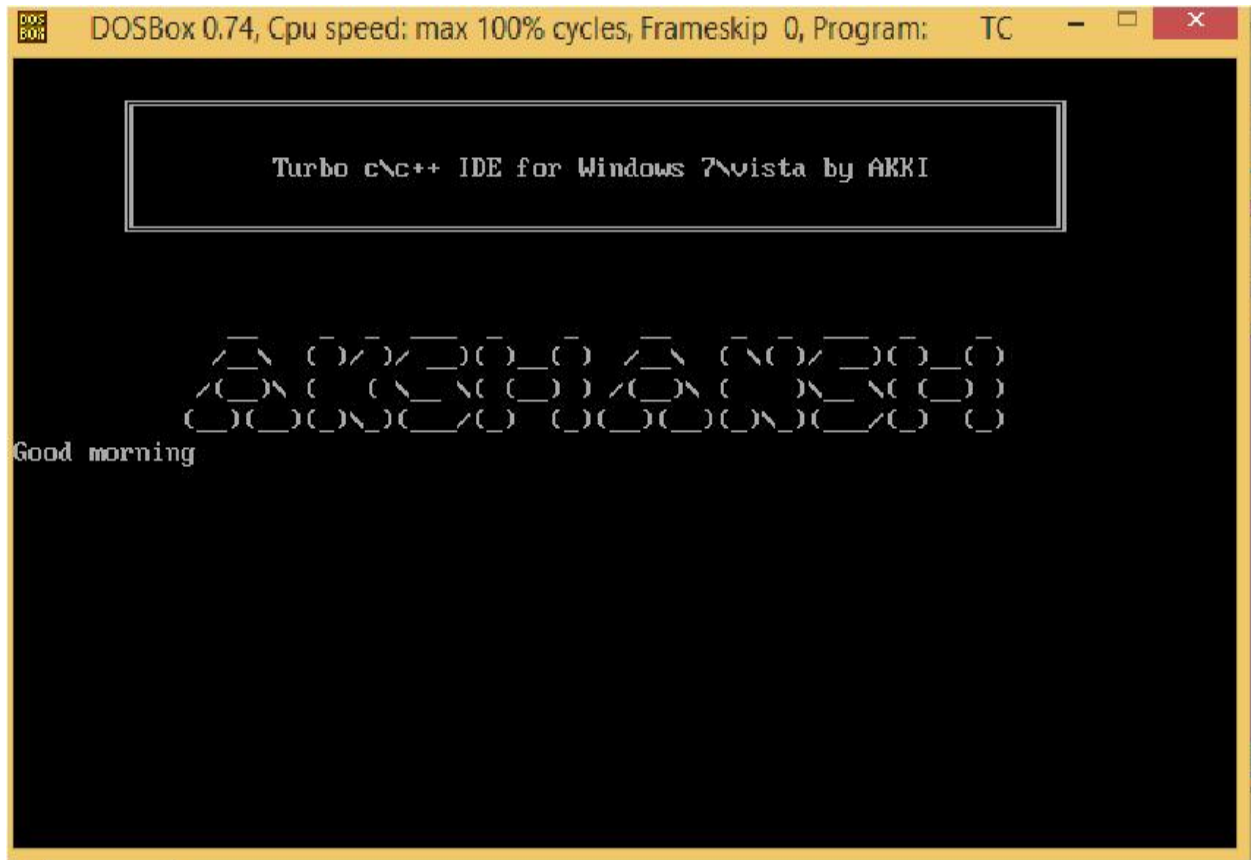
The status bar at the bottom displays the time 5:12 and lists function key shortcuts: F1 Help, F2 Save, F3 Open, Alt-F9 Compile, F9 Make, and F10 Menu.

Save the program → F2 / Fn+F2 / file menu and select save or alt+f select save

Compile the file → Alt+f9 or Alt+C and compile

Run the program → Ctrl+F9 or Alt+R and run

To get the output → Alt+F5 or Alt+w and user screen



**2<sup>nd</sup> program:**

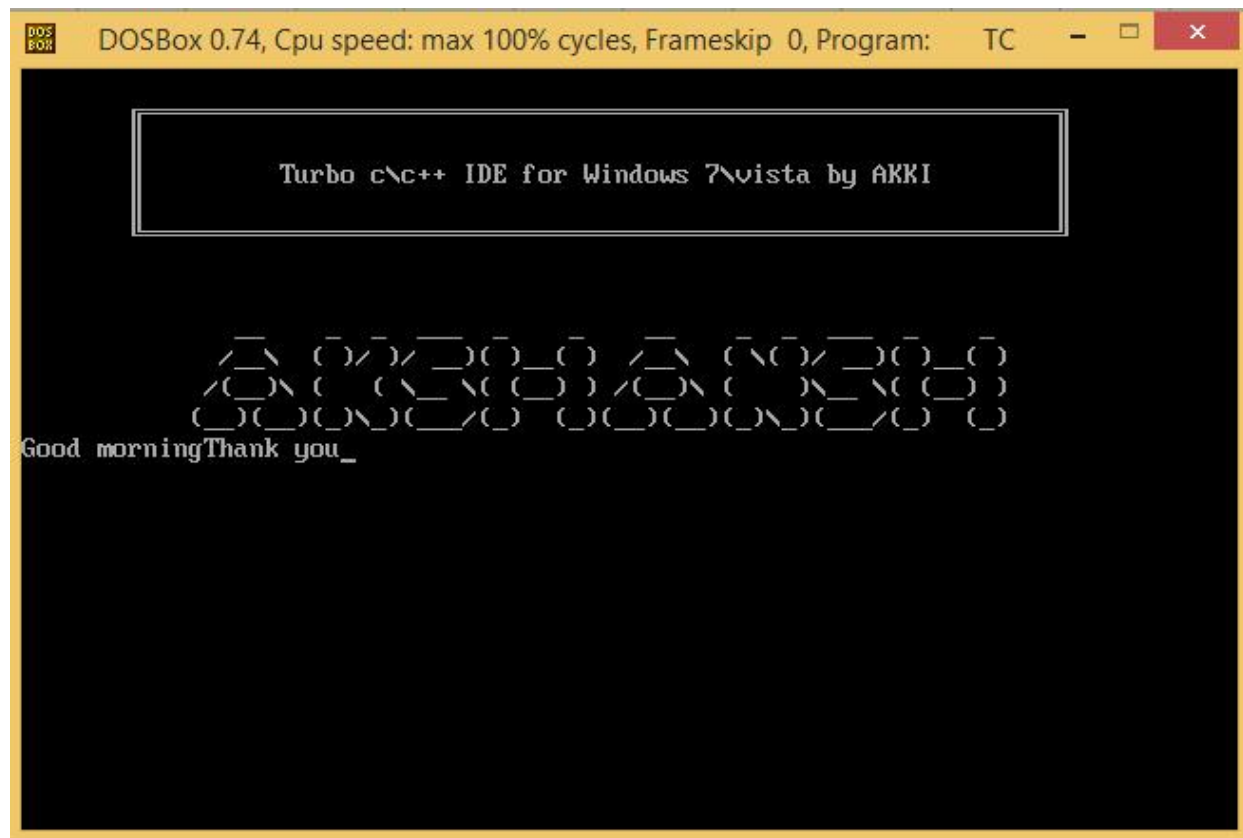
**Click on file ==> select new or alt+f → new**

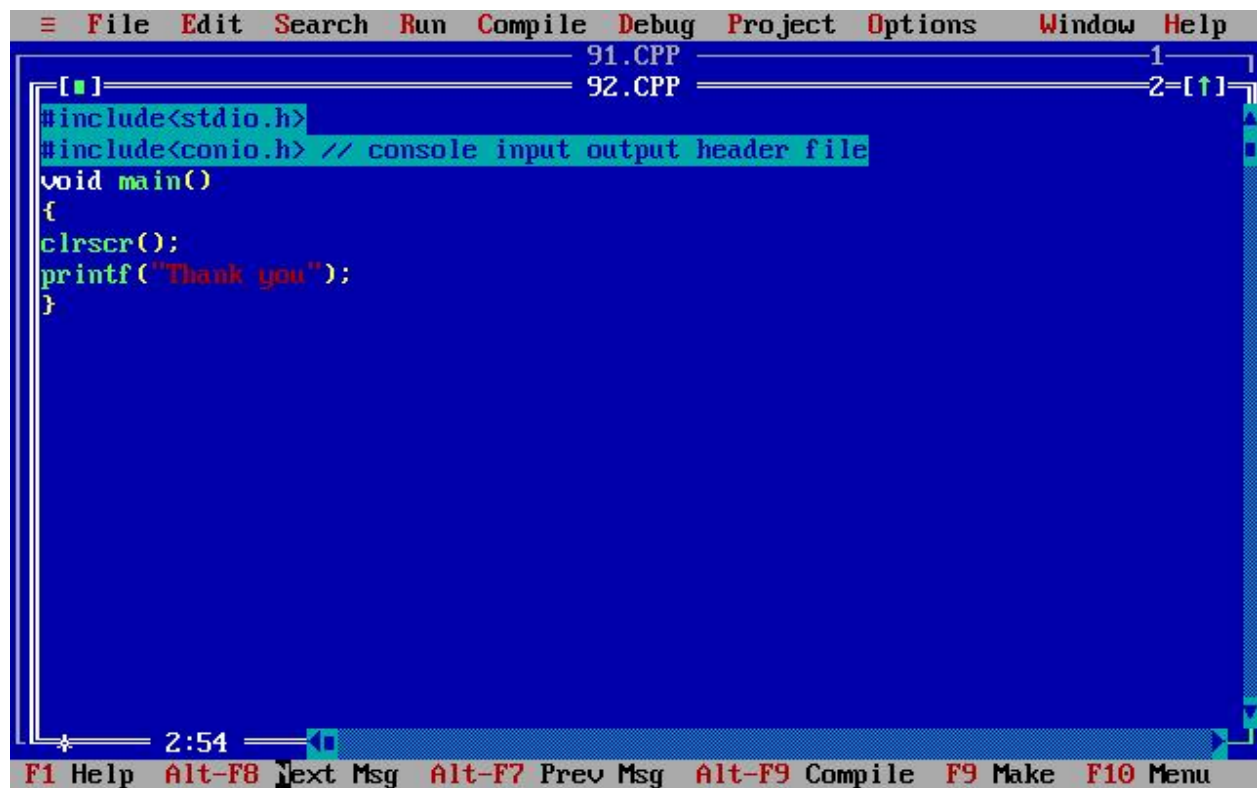


The image shows the Turbo C++ IDE interface. The menu bar at the top includes File, Edit, Search, Run, Compile, Debug, Project, Options, Window, and Help. The window title bar indicates the current file is 92.CPP. The code editor contains the following C++ code:

```
#include<stdio.h>
void main()
{
printf("Thank you");
}_
```

The status bar at the bottom displays the cursor position as 5:2 and provides function key shortcuts: F1 Help, Alt-F8 Next Msg, Alt-F7 Prev Msg, Alt-F9 Compile, F9 Make, and F10 Menu.





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 window title bar indicates the active file is 92.CPP. The code editor contains the following C++ code:

```
#include<stdio.h>
#include<conio.h> // console input output header file
void main()
{
clrscr();
printf("Thank you");
}
```

The status bar at the bottom displays the time 2:54 and various function key shortcuts: F1 Help, Alt-F8 Next Msg, Alt-F7 Prev Msg, Alt-F9 Compile, F9 Make, and F10 Menu.

Thank you

```
File Edit Search Run Compile Debug Project Options Window Help
91.CPP 1
92.CPP 2-[[
#include<stdio.h>
#include<conio.h> // console input output header file
void main()
{
clrscr();
printf("Thank you");
getch();
}
```

8:41

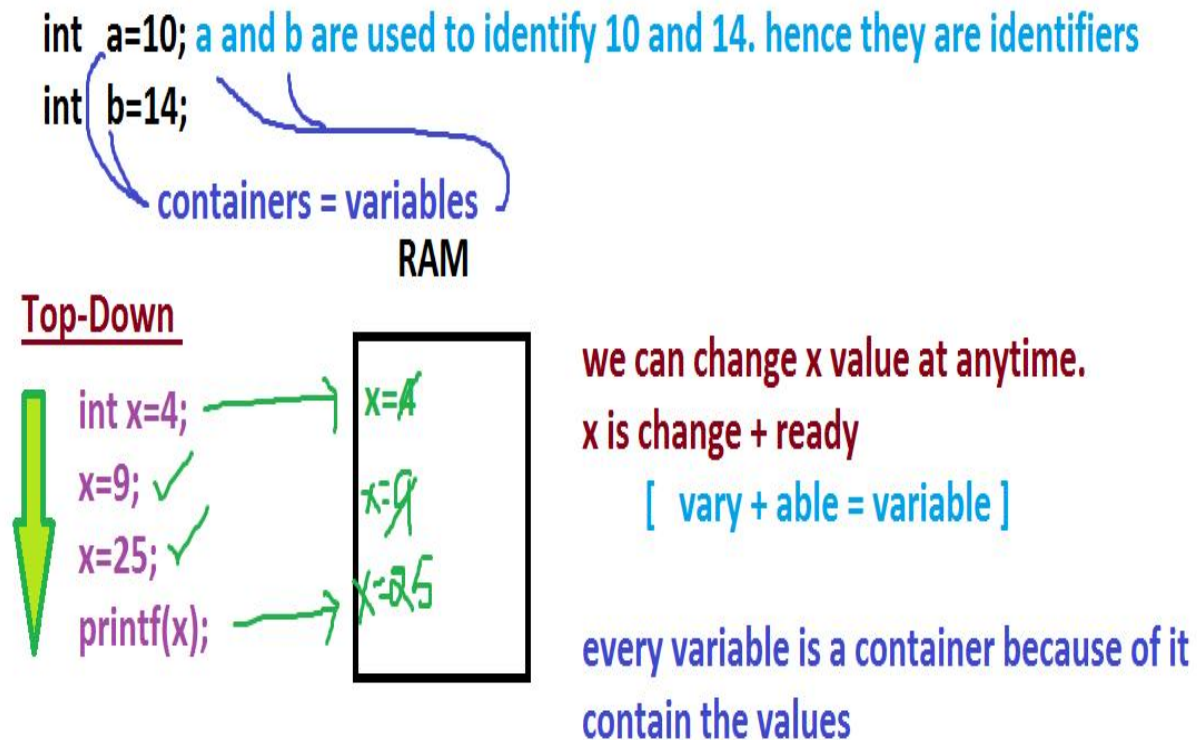
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu

Thank you\_



**Identifiers:** identifies are nothing but names of variables , functions, files, array, pointer etc.

**Example for variables:**




**Example for files:**

a.c, b.cpp, c.java, d.py, e.txt,....

**Example for functions:**

## function names



```
void sum()  
{  
...;  
}
```

```
void div()  
{  
...;  
}
```

Example for array:

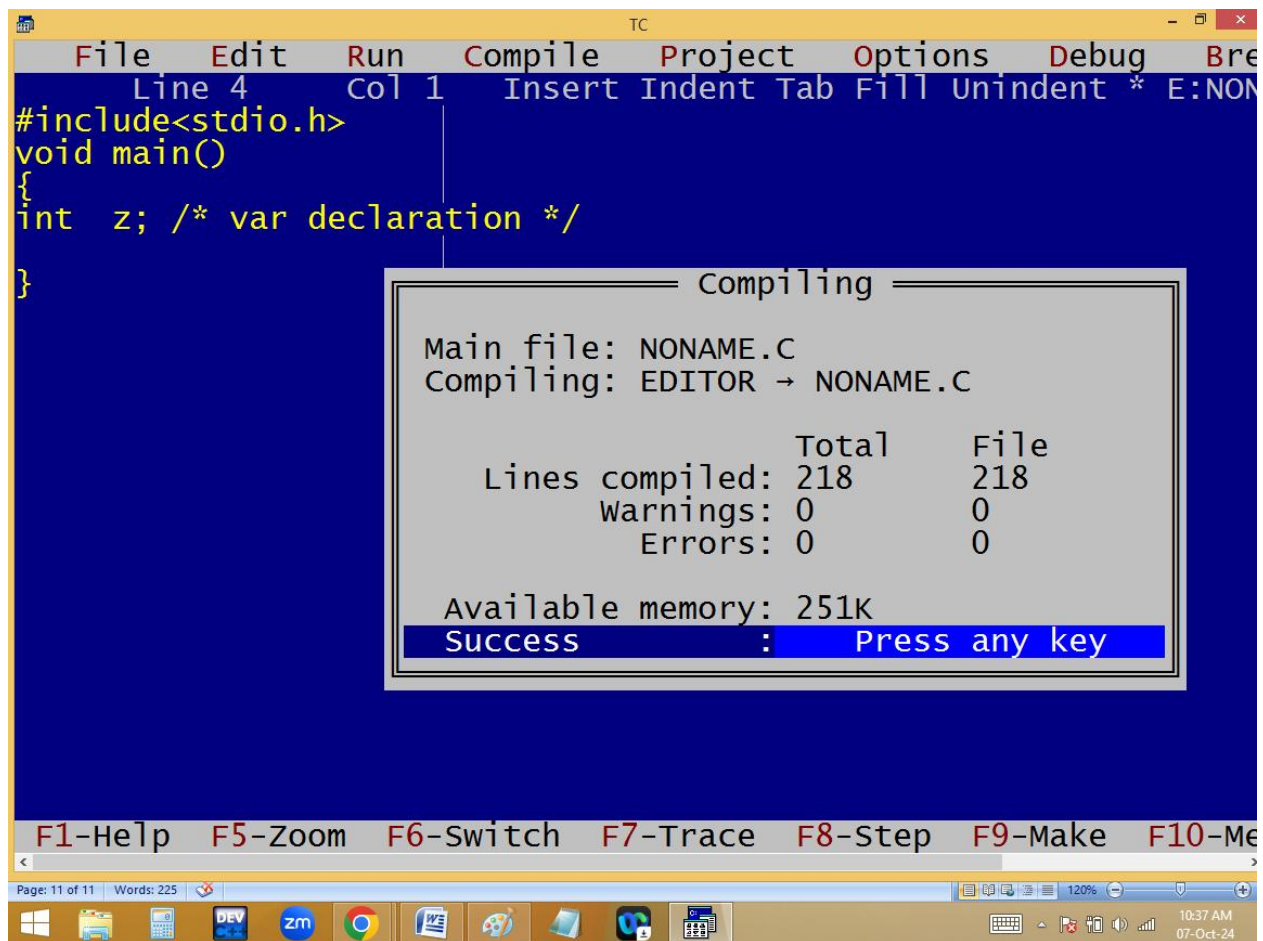
**int a[20];** int array variable

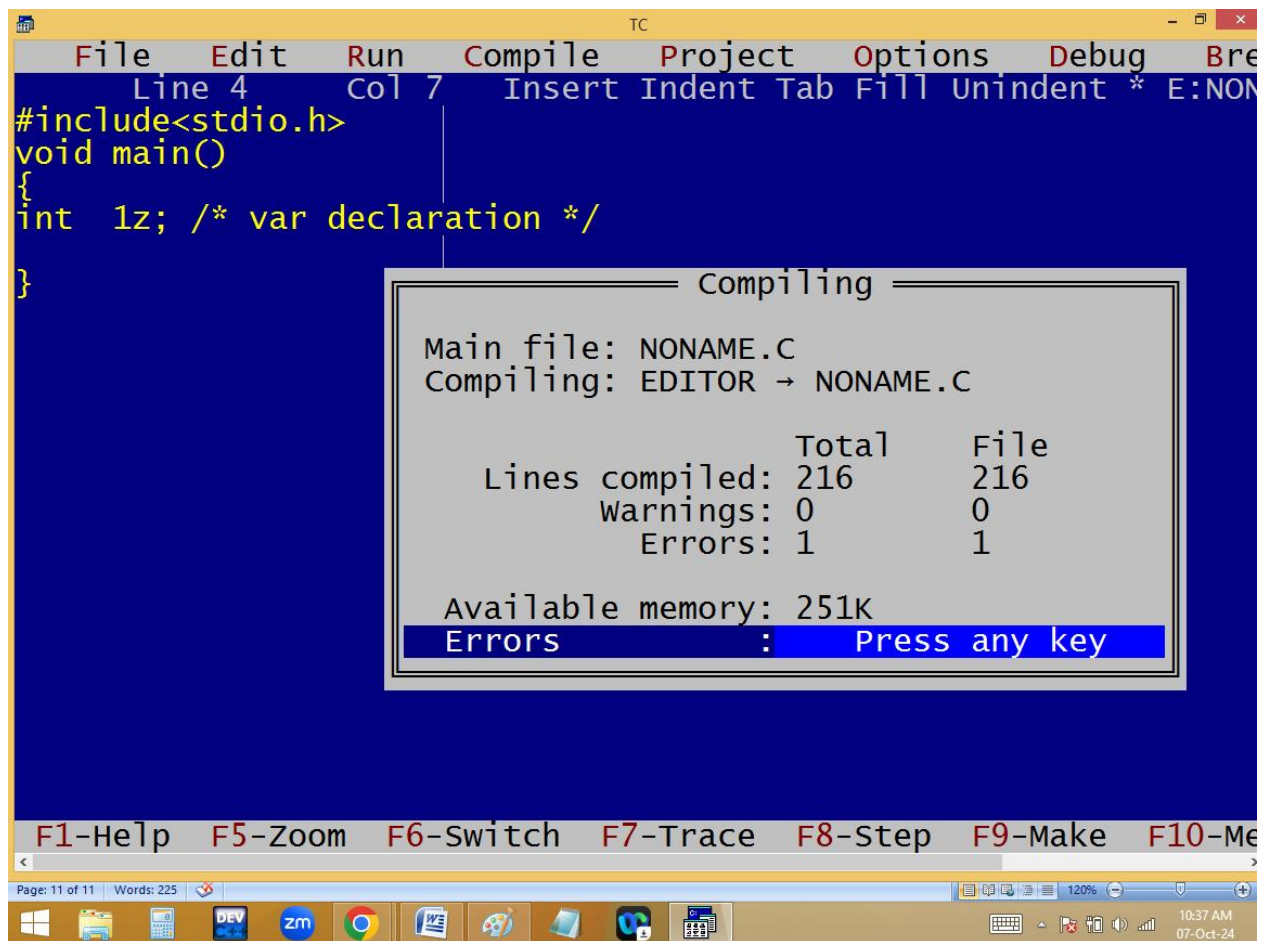
Example for pointer:

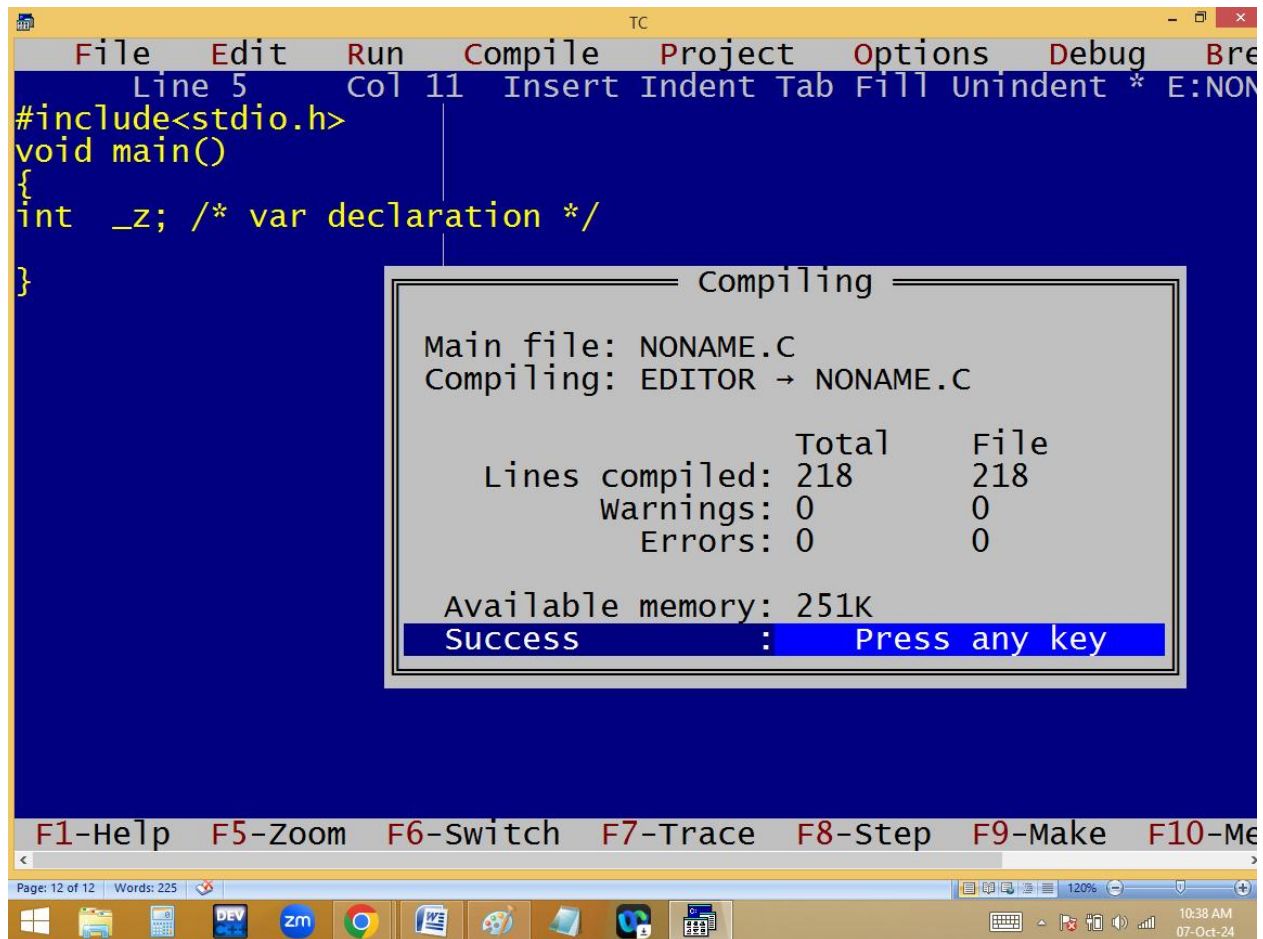
**int \* a;** int **pointer** variable

## Naming rules:

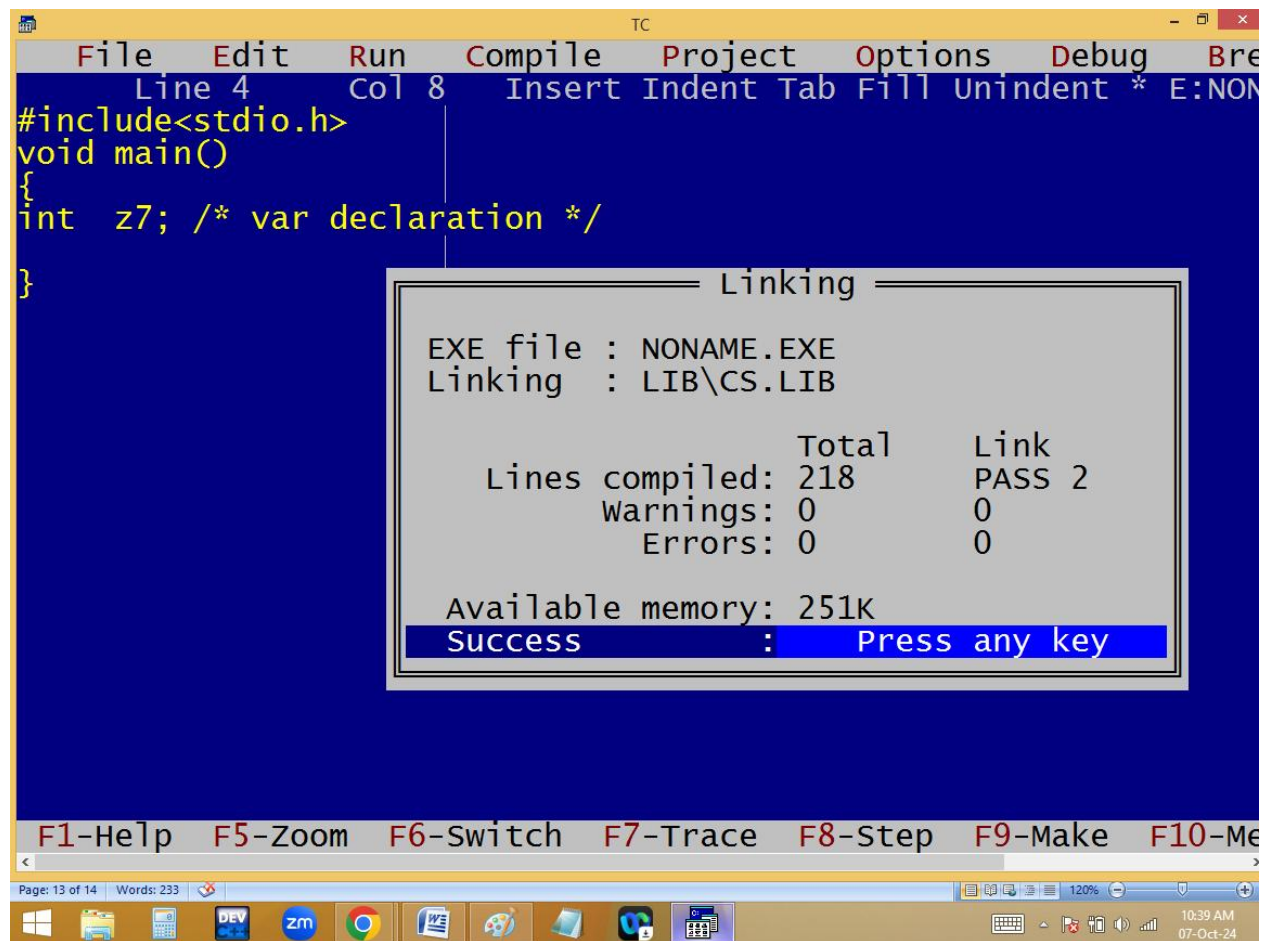
1. Name should have to start with alphabet or underscore [ \_ ].







## 2. Numbers allowed but not at first position.



**3. Spaces not allowed.**

```
File Edit Run Compile Project Options Debug Bre
Line 4 Col 17 Insert Indent Tab Fill Unindent * E:NON
#include<stdio.h>
void main()
{
int ab cd ; /* var declaration */
}
```

Compiling

Main file: NONAME.C  
Compiling: EDITOR → NONAME.C

	Total	File
Lines compiled:	216	216
Warnings:	0	0
Errors:	1	1

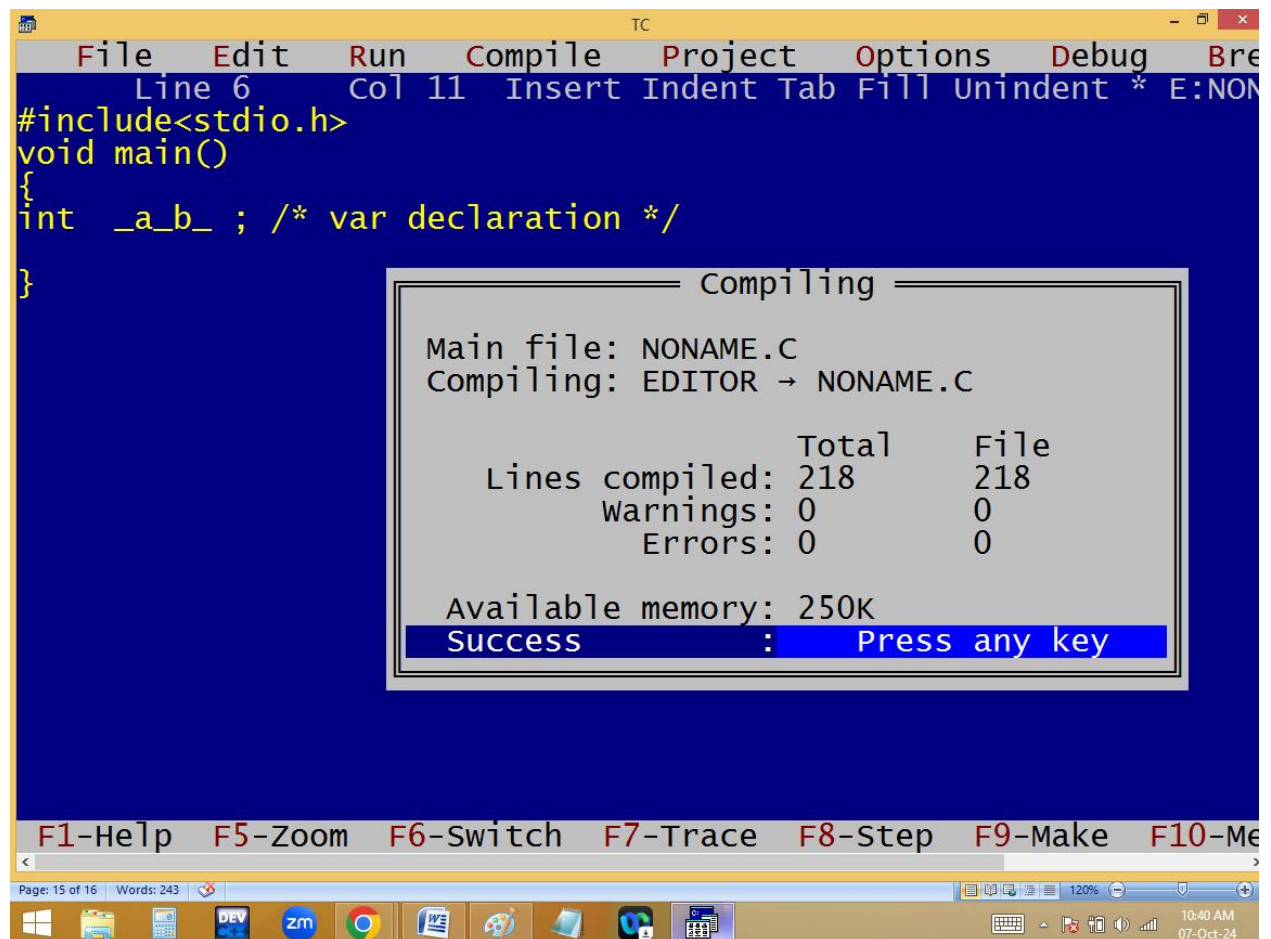
Available memory: 250K  
Errors : Press any key

F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Me

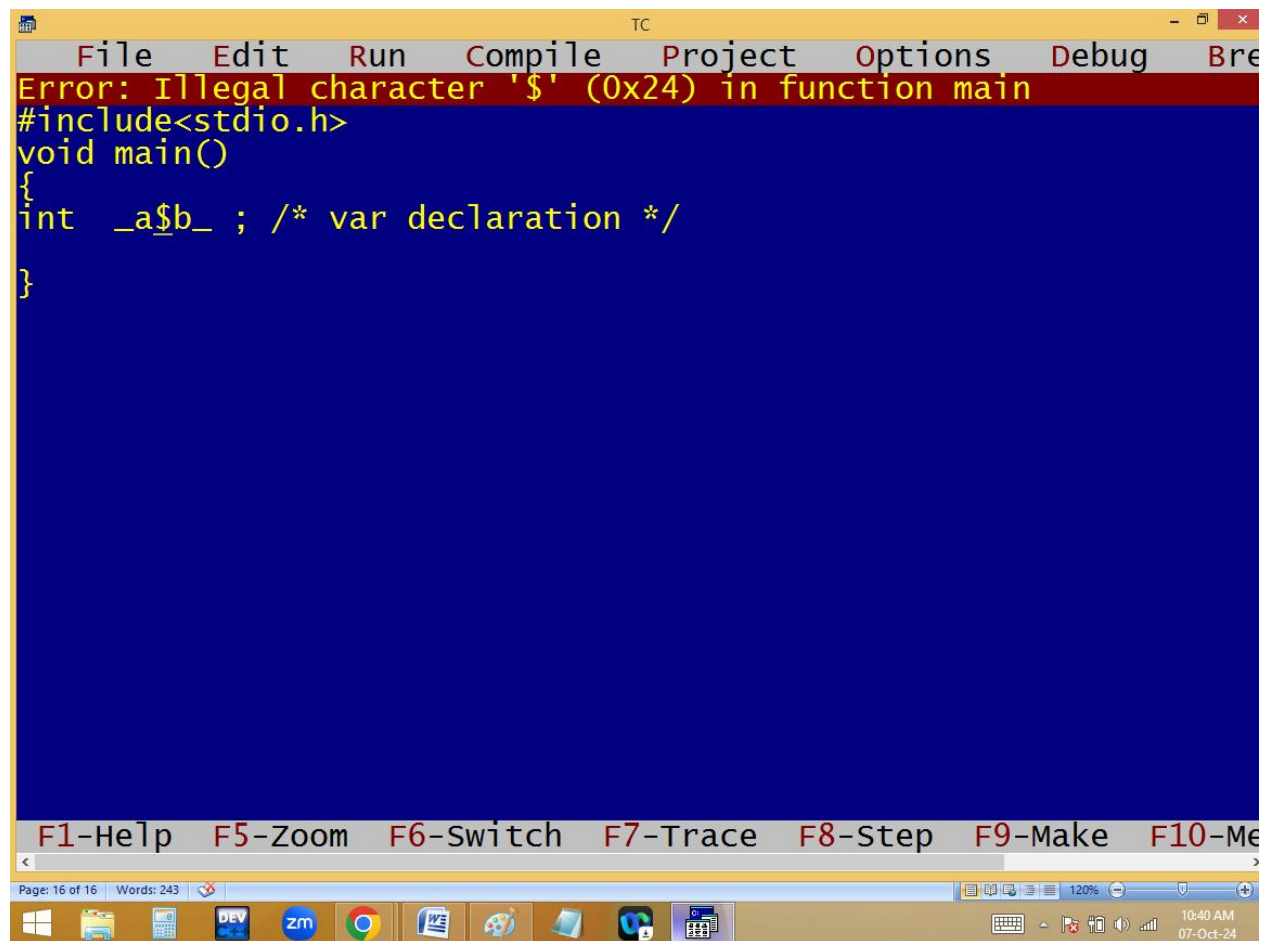
Page: 14 of 15 Words: 237 120% 10:39 AM 07-Oct-24

**4. No special character except underscore.**







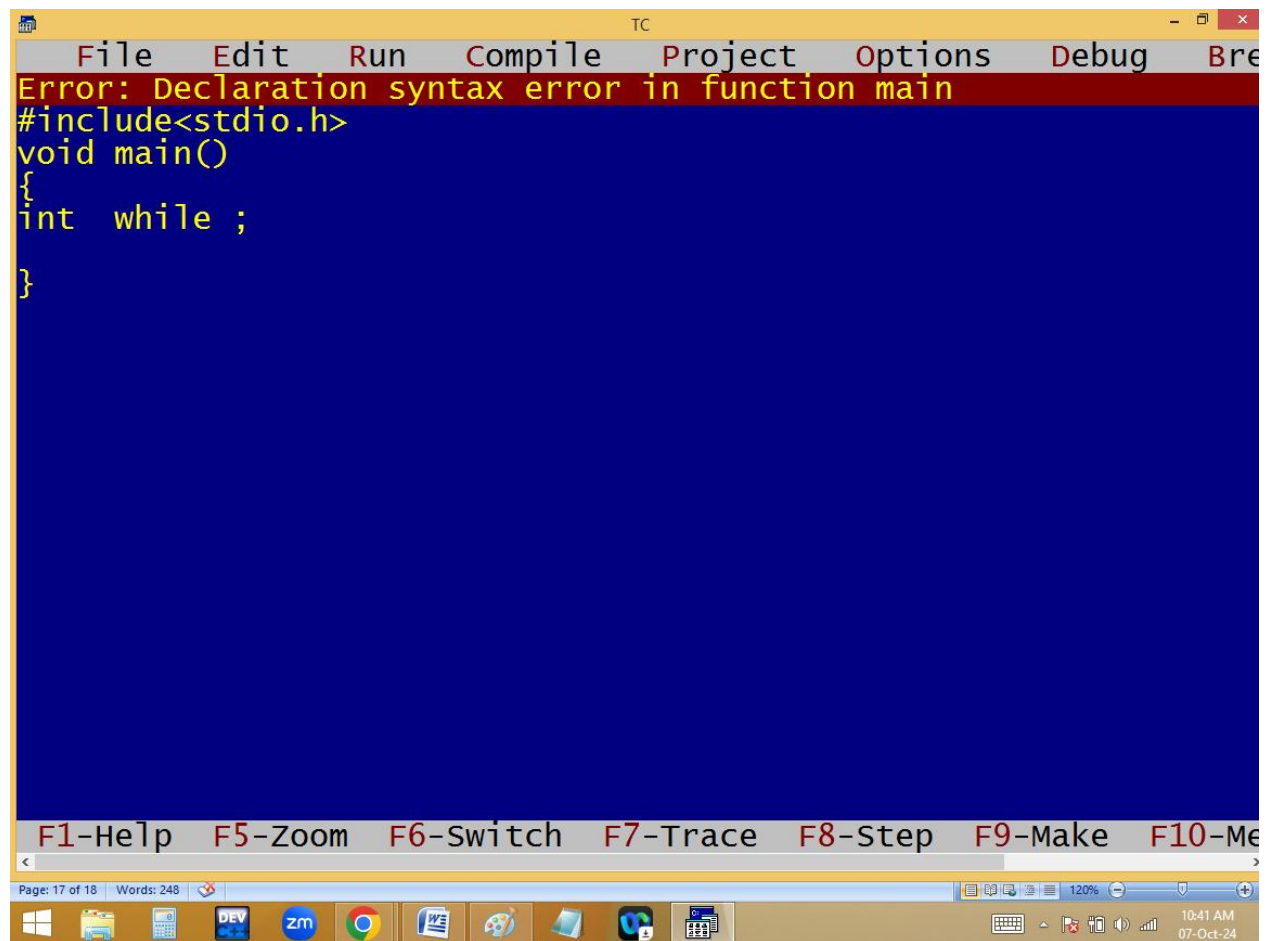


The screenshot shows the Turbo C++ (TC) IDE interface. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break. A red error message banner at the top reads: "Error: Illegal character '\$' (0x24) in function main". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
void main()
{
    int  _a$b_ ; /* var declaration */
}
```

Below the code editor, a status bar shows "Page: 16 of 16" and "Words: 243". A toolbar with various icons is visible, and the Windows taskbar at the bottom shows the time as 10:40 AM on 07-Oct-24.

**5. Keywords are not allowed.**

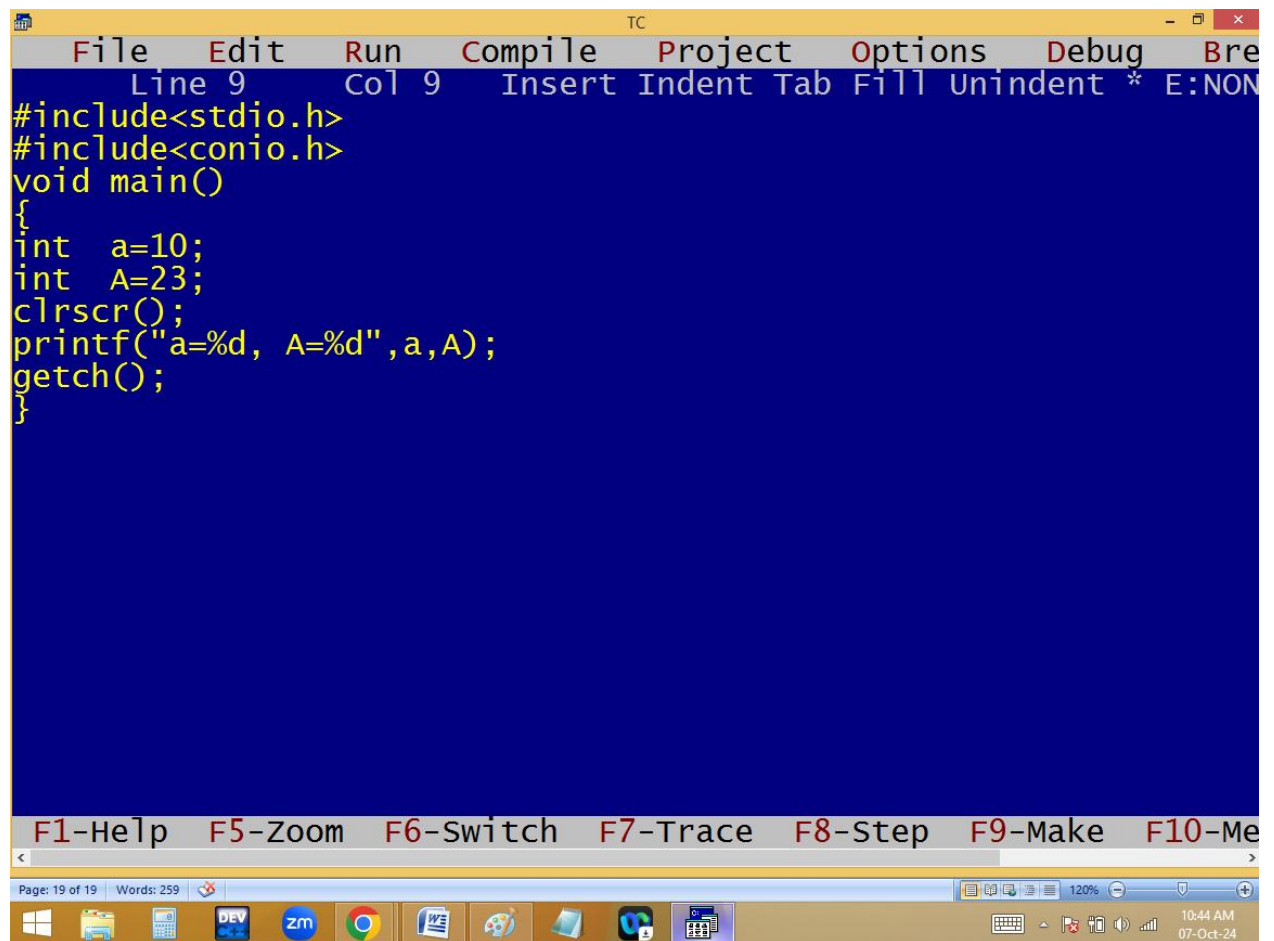


The screenshot shows the Turbo C++ (TC) IDE interface. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break. A red error message banner at the top reads "Error: Declaration syntax error in function main". The code editor, which has a blue background, contains the following code:

```
#include<stdio.h>
void main()
{
int  while ;
}
```

Below the code editor, a status bar shows "Page: 17 of 18" and "Words: 248". A secondary menu bar at the bottom of the editor area lists function key shortcuts: F1-Help, F5-Zoom, F6-Switch, F7-Trace, F8-Step, F9-Make, and F10-Me. The Windows taskbar at the very bottom shows various application icons and the system clock indicating 10:41 AM on 07-Oct-24.

**6. Names are case sensitive. i.e. lower and upper are different.**



The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC". Below the title bar is a menu bar with the following options: File, Edit, Run, Compile, Project, Options, Debug, and Bre. Below the menu bar is a toolbar with icons for various functions. The main area of the window is a blue background with yellow text showing the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int  a=10;
    int  A=23;
    clrscr();
    printf("a=%d, A=%d",a,A);
    getch();
}
```

Below the code area is a status bar with the following text: F1-Help, F5-Zoom, F6-Switch, F7-Trace, F8-Step, F9-Make, and F10-Me. At the bottom of the window is a Windows taskbar with various icons, including the Start button, File Explorer, Calculator, DEV, zm, Chrome, Word, Paint, and a folder icon. The taskbar also shows the system clock as 10:44 AM on 07-Oct-24.

