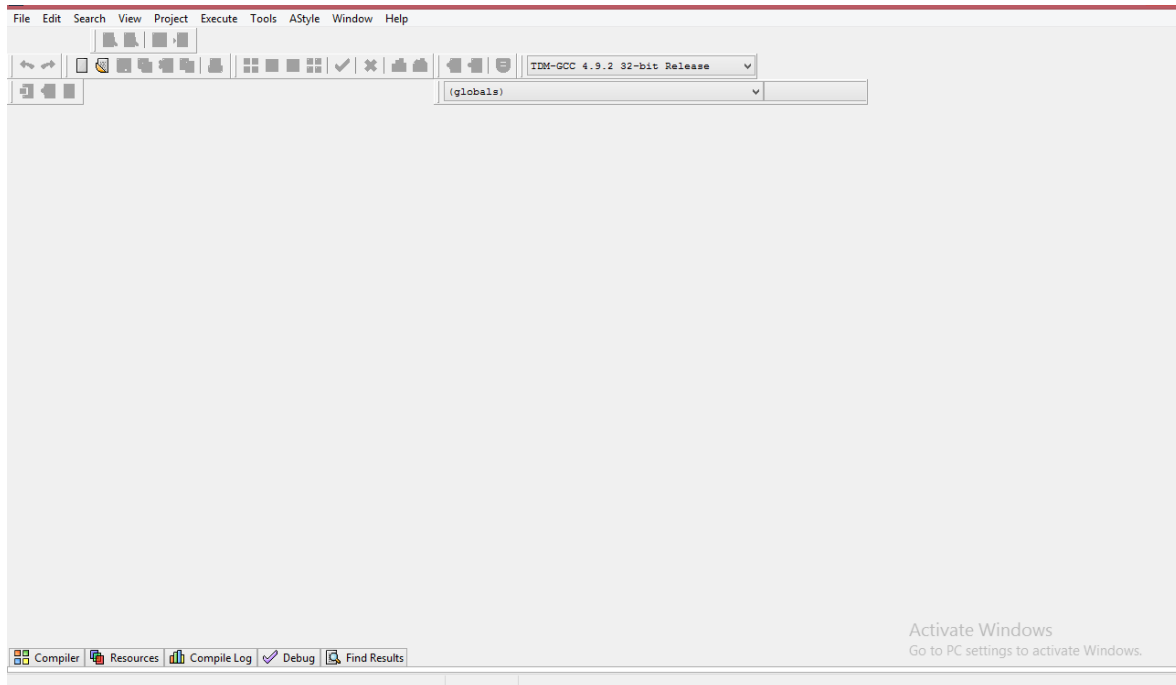




COMPILER

To start programming in C. You must download a compiler **Dev C++** just type it on your browser

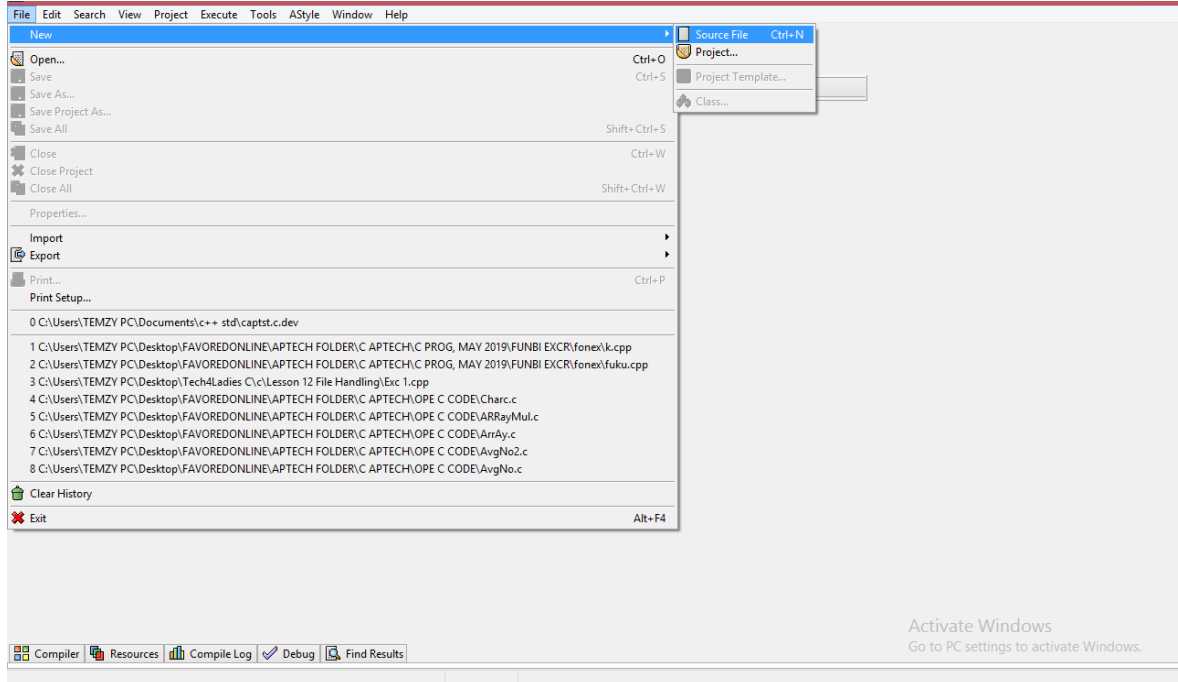
- **How to use**



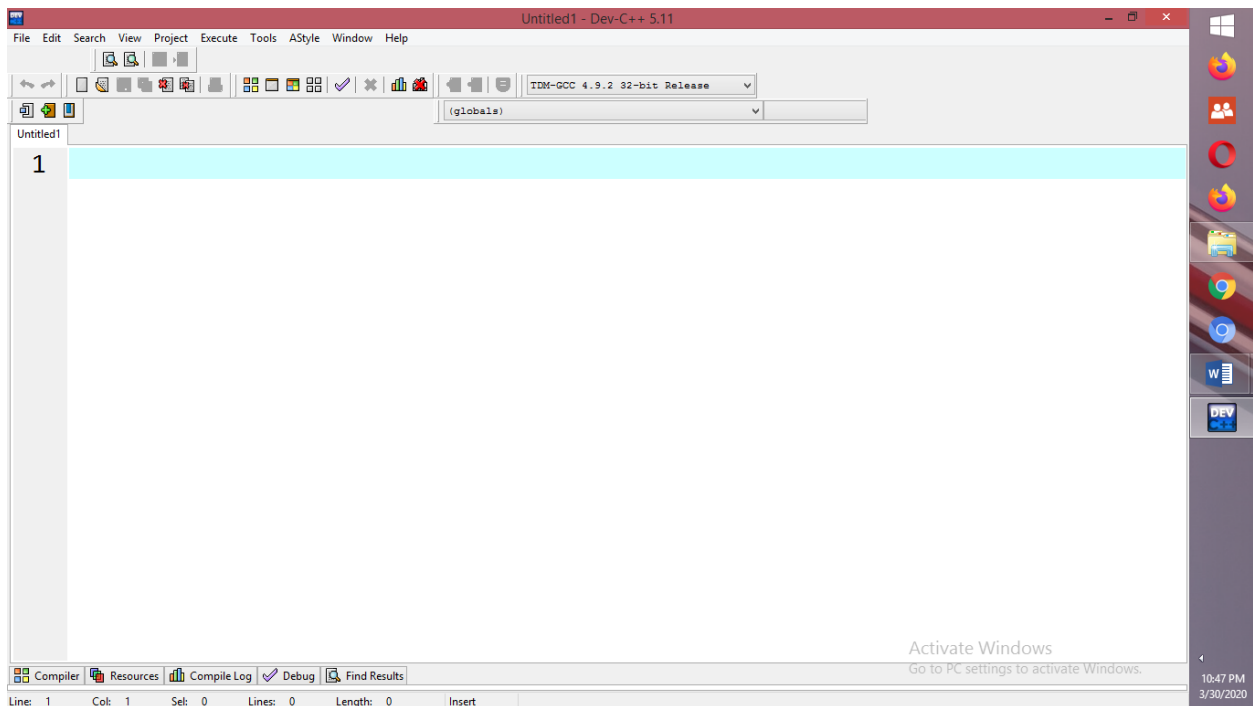
Step 2: Click on **File**, **new source** file to open the program environment for execution



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- This open the coding environment

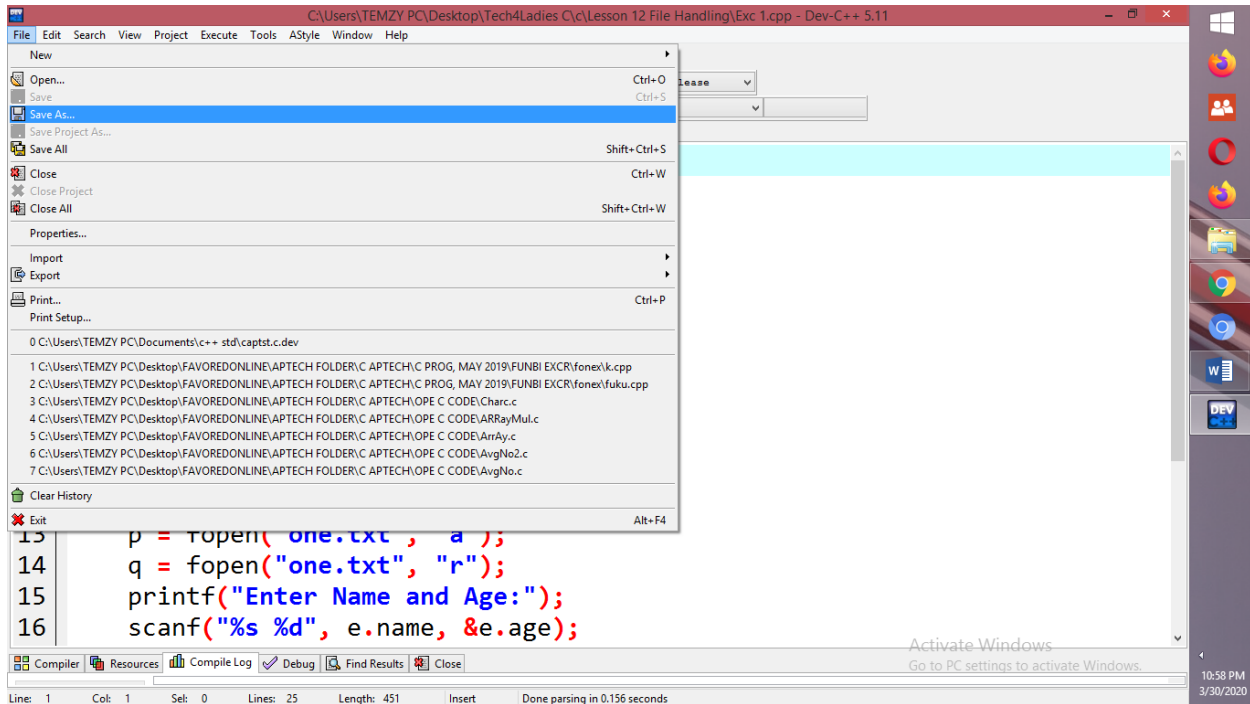




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You need to save your work first before Testing

- At the top of the page, Click on File and then save as; here make sure you save all your work in a folder and in a place where you can easily have access to it.



- To run Or test your code for any error. Place your cursor on Execute and click on **compile Or F9** on your key board.



The screenshot shows a code editor with a C++ program. The code is as follows:

```
1 #include<...>
2
3 struct emp
4 {
5     char name[50];
6     int age;
7 };
8
9 int main()
10 {
11     struct emp e;
12     FILE *p,*q;
13     p = fopen("one.txt", "a");
14     q = fopen("one.txt", "r");
15     printf("Enter Name and Age:");
16     scanf("%s %d", e.name, &e.age);
17 }
```

The 'Execute' menu is open, showing options: Compile (F9), Run (F10), Compile & Run (F11), Rebuild All (F12), Syntax Check, Syntax Check Current File (Ctrl+F9), Parameters..., View Makefile, Clean, Profile Analysis, Delete Profiling Information, Goto Breakpoint (F2), Toggle Breakpoint (F4), Debug (F5), and Stop Execution (F6). The 'Run' option is highlighted.

At the bottom of the editor, the status bar shows: Line: 1, Col: 1, Sel: 0, Lines: 25, Length: 451, Insert, Done parsing in 0.156 seconds.

- To execute your code; Place your cursor on Execute and then click on **Run**

This screenshot is identical to the one above, but the 'Run' option (F10) in the 'Execute' menu is highlighted instead of 'Compile'.



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- To run and execute your code at the same time, Place your cursor on Execute and then click on **Compile & Run**

The screenshot shows an IDE window with a menu open. The menu has the following items: Compile (F9), Run (F10), **Compile & Run (F11)**, Rebuild All (F12), Syntax Check, Syntax Check Current File (Ctrl+F9), Parameters..., View Makefile, Clean, Profile Analysis, Delete Profiling Information, Goto Breakpoint (F2), Toggle Breakpoint (F4), Debug (F5), and Stop Execution (F6). The code in the background is a C++ program that opens a file named 'one.txt' and reads data into a struct.

```
1 #include <stdio.h>
2
3 struct emp {
4 {
5     char name[50];
6     int age;
7 };
8
9 int main()
10 {
11     struct emp e;
12     FILE *p,*q;
13     p = fopen("one.txt", "a");
14     q = fopen("one.txt", "r");
15     printf("Enter Name and Age:");
16     scanf("%s %d", e.name, &e.age);
```

Line: 1 Col: 1 Sel: 0 Lines: 25 Length: 451 Insert Done parsing in 0.156 seconds