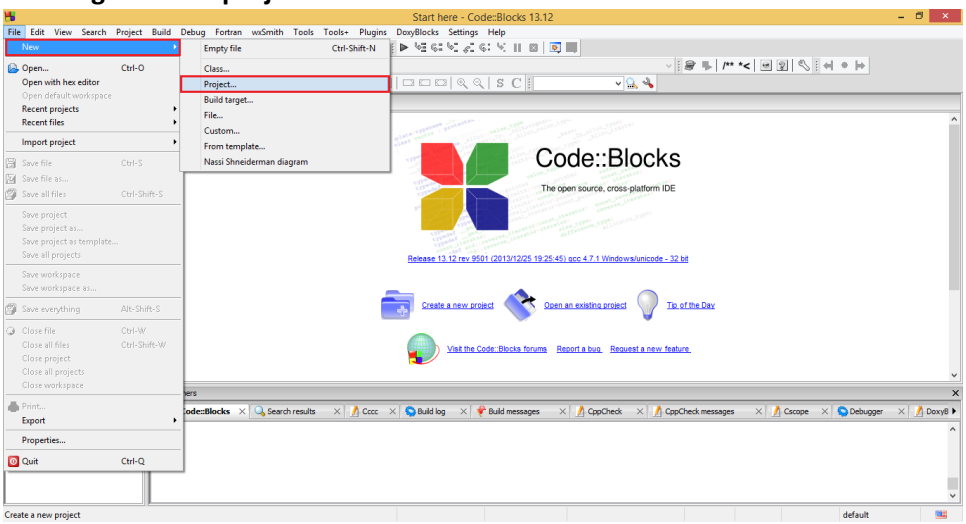
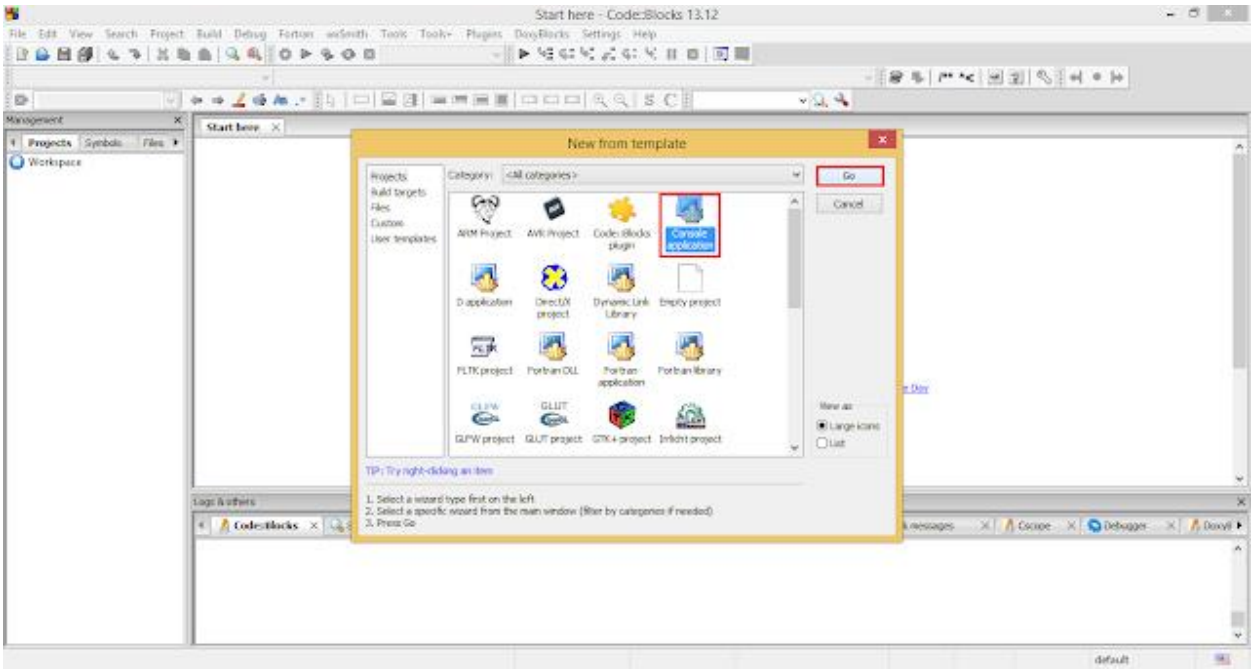
Prelab- 01
EC2010

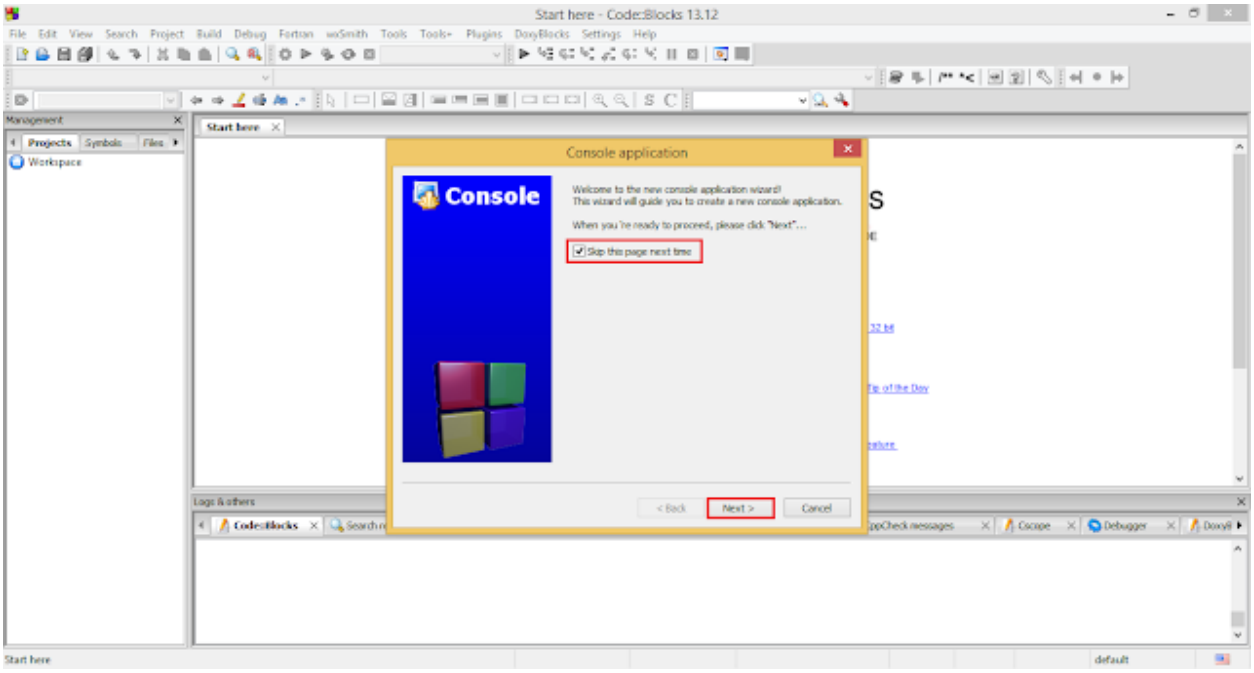
Creating new C++ projects:



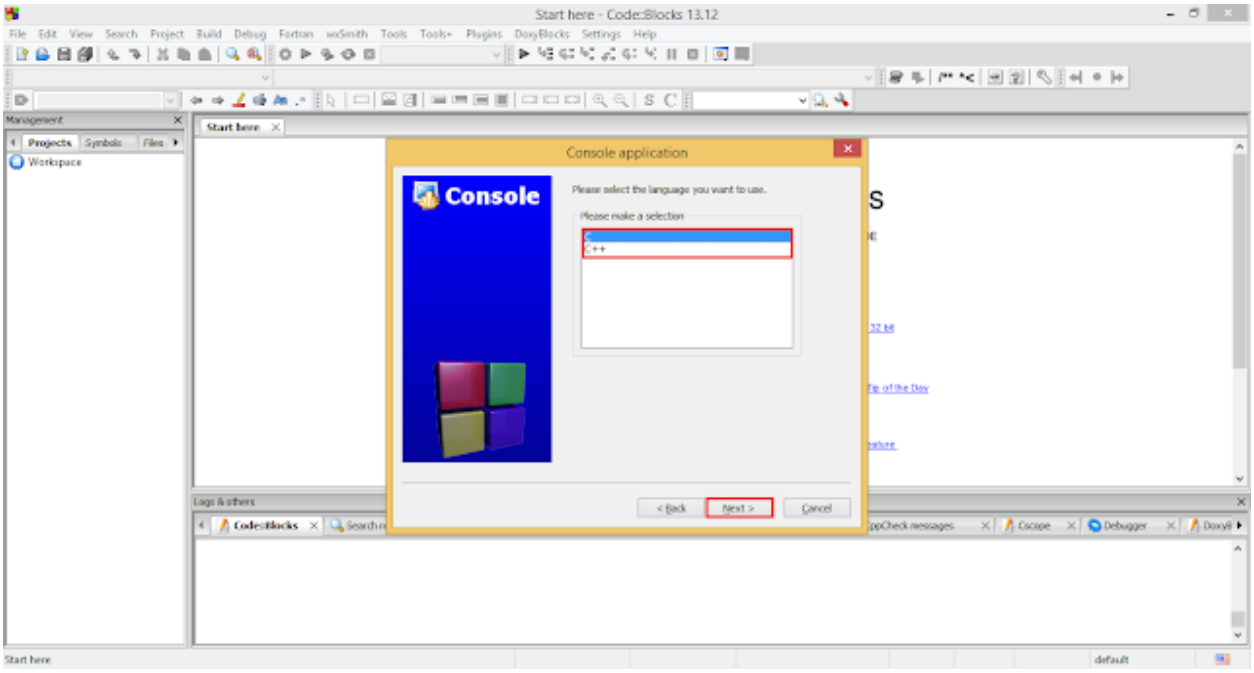
Select **Console application** from the project category and then click on **Go** button.



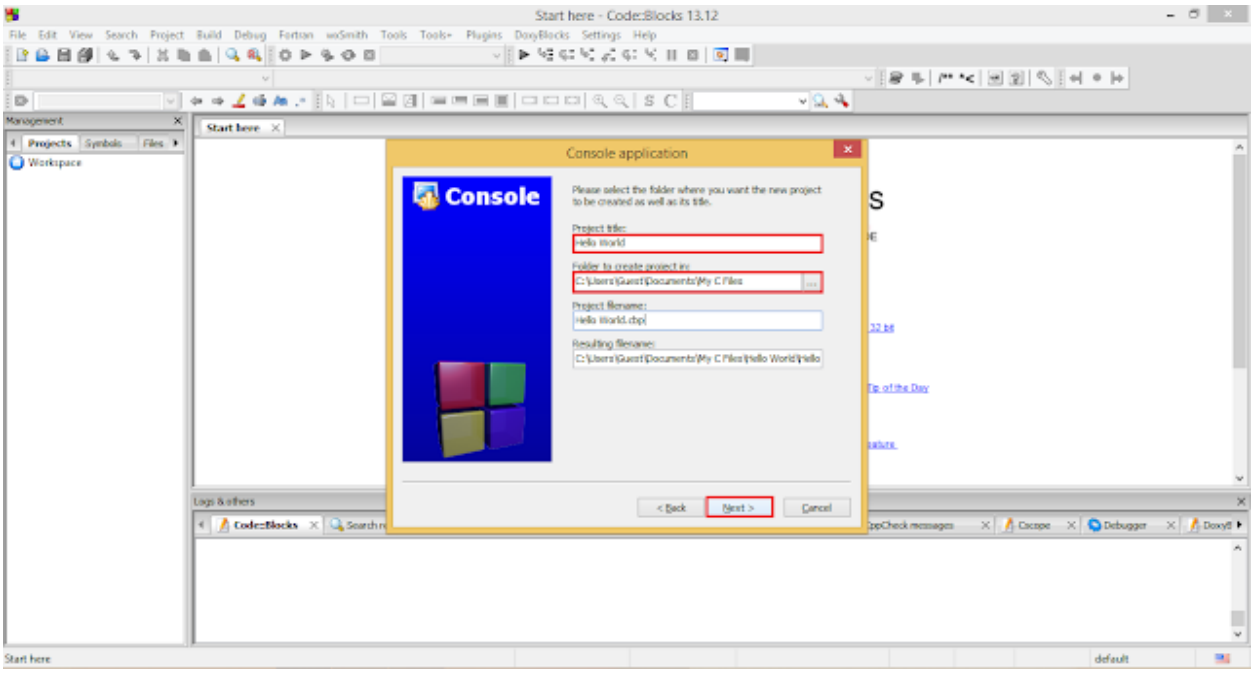
On the Welcome message dialog box, check the **Skip this page next time** checkbox. And click on **Next** button.



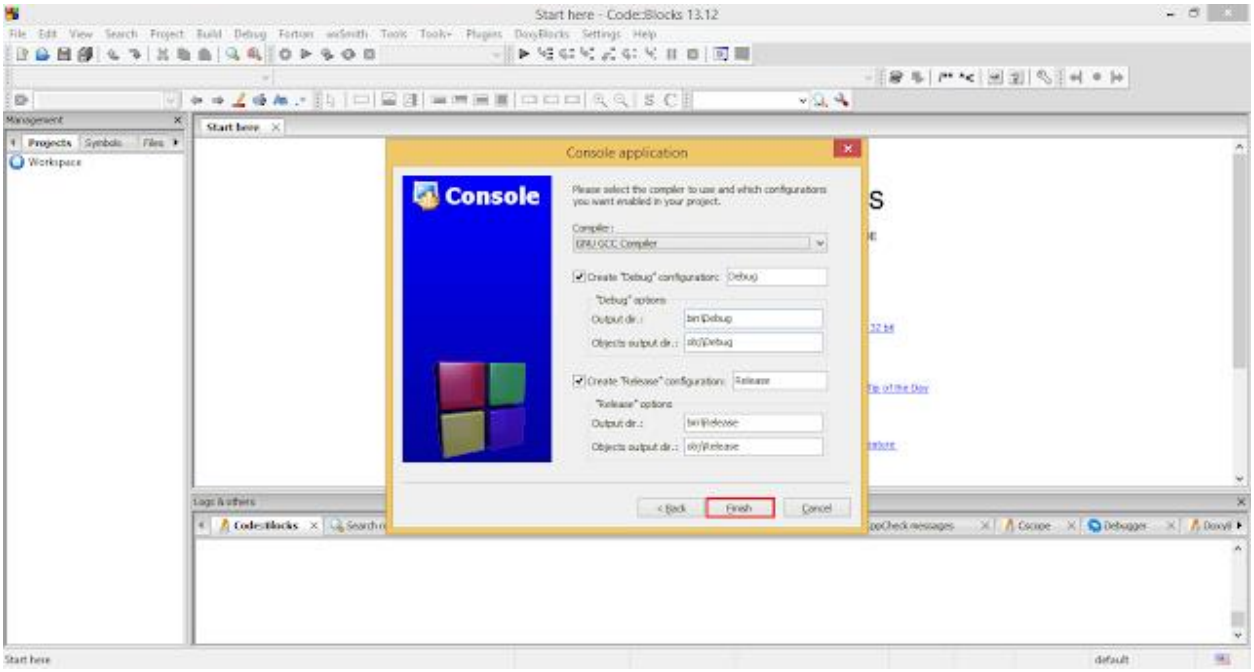
On next screen the wizard ask you to choose the project type. Choose **C++** if you want to create C++ project and click on **Next** button.



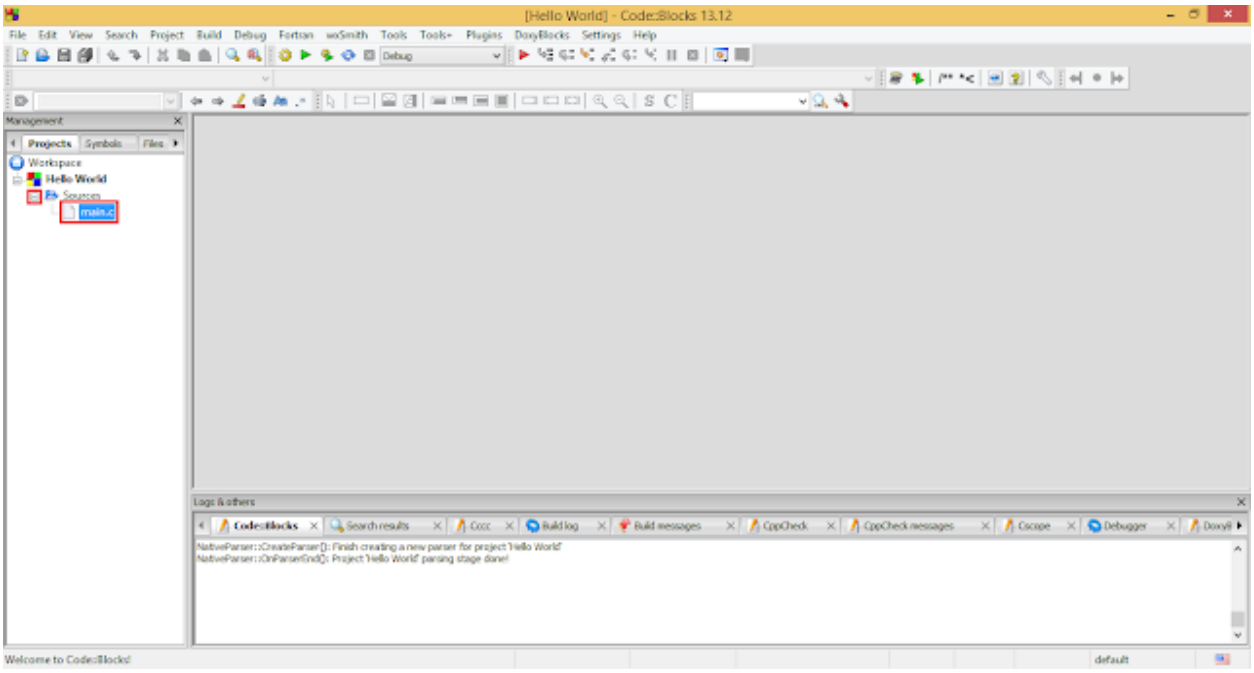
Next wizard screen enter your **Project title and path where to store your project**. Enter any title of your project "**practice01**". For choosing file path click on ... button. And click on **Next** button.



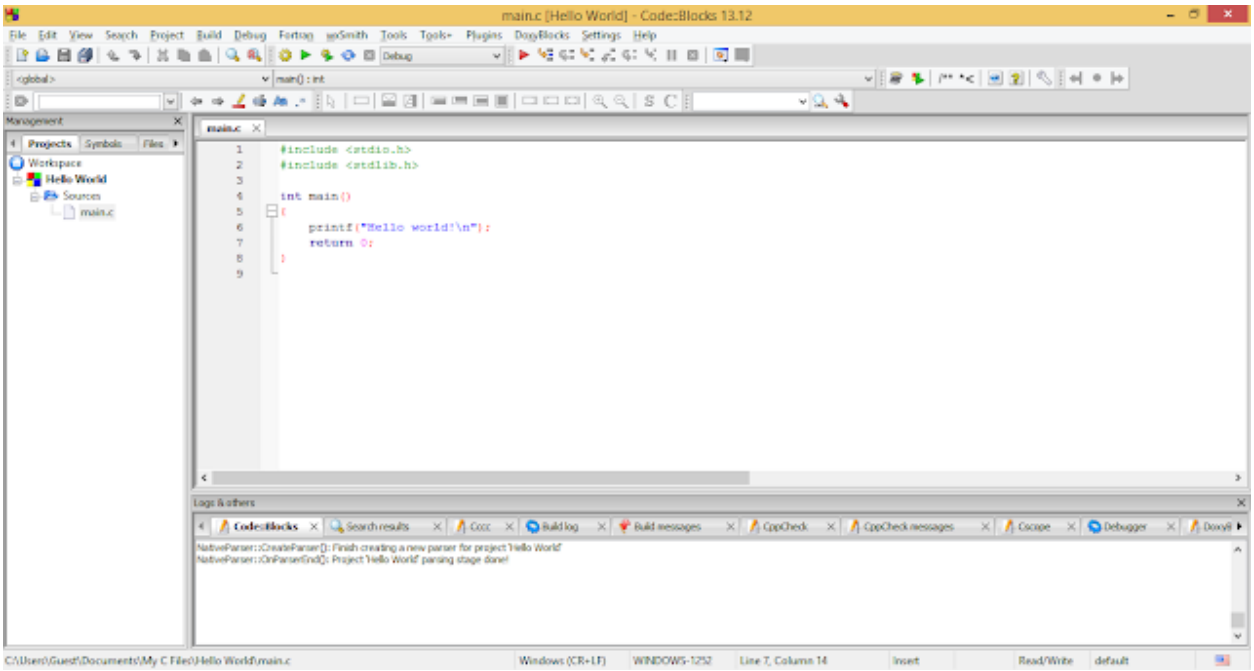
The next screen asks you to choose C++ compiler. If you have installed GNU C/C++ compiler then you need not to perform any action on this screen simply click on **Finish** button. If you don't have GNU C/C++ compiler ask your instructor.



To open the code editor, navigate to the workspace area and click on **+** symbol present before Sources. That will expand the sources folder. Now double click on **main.c** file to open the code editor.

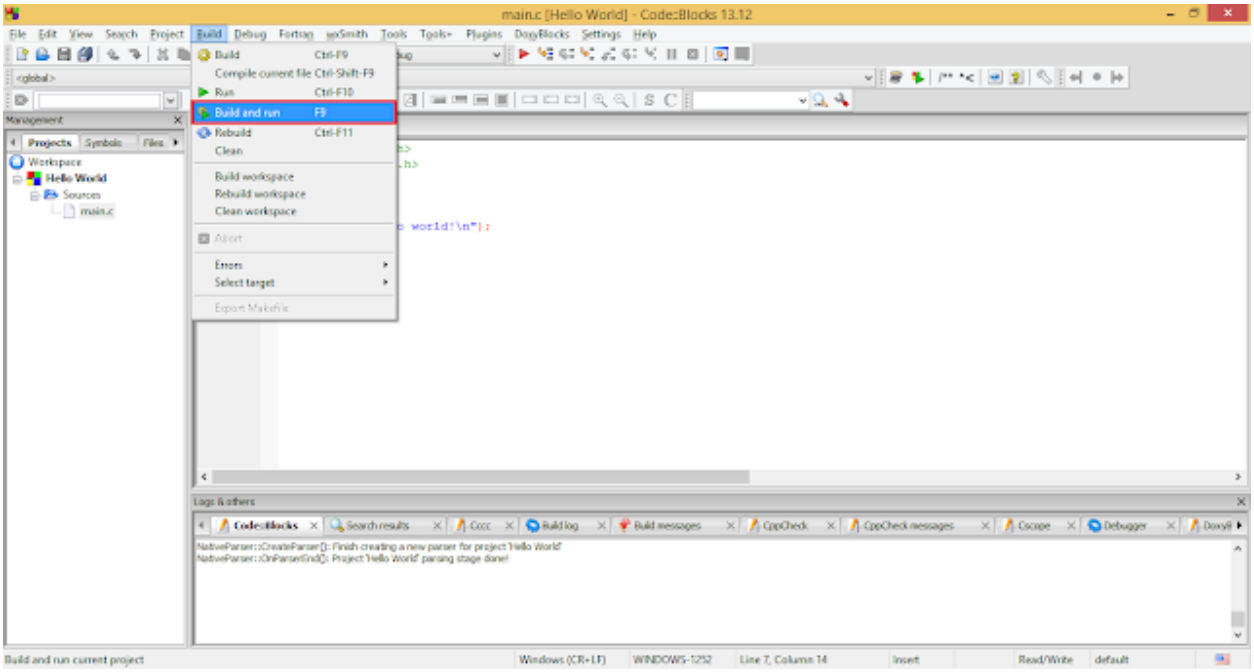


Finally the code editor opens. Here you can edit you code, for saving your code just press **Ctrl+S**.Always save your programs.

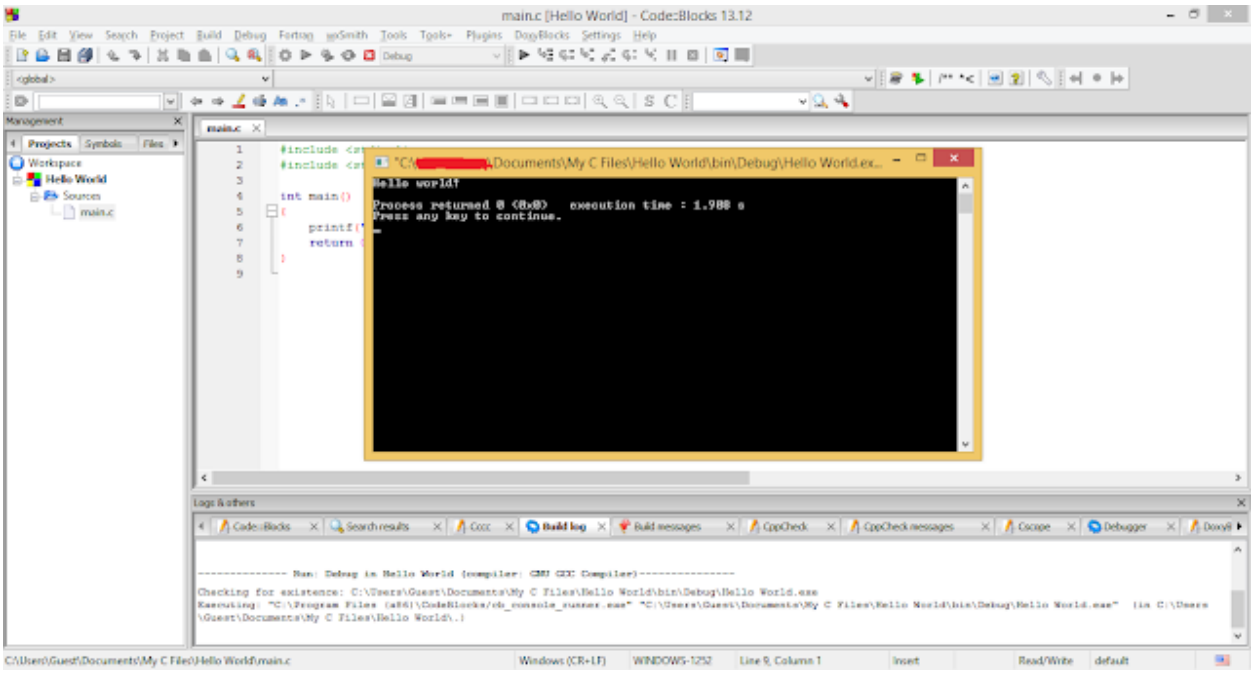


Running your C++ program:

To run any C++ program click on Build (In the menu bar) → Build and run or simply hit **F9** from your keyboard.



The output screen.



Create a word file named “Output_Regno”. Paste your console screenshot.

Exercise 01:

Create a C++ project named Exercise01. Type the following in main.c file.

```cpp
#include <iostream>
using namespace std;

int main() {

  int first_number, second_number, sum;

  cout << "Enter two integers: ";
  cin >> first_number >> second_number;

  // sum of two numbers in stored in variable sumOfTwoNumbers
  sum = first_number + second_number;

  // prints sum
  cout << first_number << " + " <<  second_number << " = " << sum;

  return 0;
}
```

Paste your code and output (console) in the created “Output_Regno” file.

Exercise 02:

Create a C++ project named Exercise02. Type the following in main.c file.

```cpp
#include <iostream>
#include <iomanip>
using namespace std;
int main() {
   double x = 2.3654789d;
   cout << "Print up to 3 decimal places: " << setprecision(3) << x << endl;
   cout << "Print up to 2 decimal places: " << setprecision(2) << x << endl;
   cout << "Print up to 7 decimal places: " << setprecision(7) << x << endl;
}
```

Paste your code and output (console) in the created “Output_Regno” file.