# LAB 1: Dev-C++ Integrated Development Environment (IDE) Usage

The program can be downloaded at:

http://sourceforge.net/projects/orwelldevcpp/

To download, click on the green Download button.

Select the language for your install and click the OK button. After agreeing to the license agreement, determine the type of install that you want to do. The easiest install is to select Full. If you don't want the full install, select Custom from the dropdown list and then make sure that:

- TDM-GCC x64 4.6.1 compiler
- Associate C and C++ files to Dev-C++

are checked. If you want some of the other things, you can check those too. Once you have the options selected, click the Next button. Change the destination to where you would like the program to be installed; this could also include a flash drive. Click the Install button.

After the program has installed, click the Finish button

## Running a Program in Dev-C++

The first time that Dev-C++ is run, a few questions will have to be answered. Click Next on the first screen. Select No and then click Next on the second screen. Click on Ok.

1. Start Dev-C++.
2. Click File>New>Source File to make a new C++ program.
3. Type your codes:

   ```
   #include <iostream>

   using namespace std;
   int main()
   {
     cout << "hello, world";
     return 0;
   }
   ```

4. Click on *File>Save* to save your file, by specifying the directory of the file to be saved. Give your file name a meaningful name with a .cpp extension.
5. Click *Execute>Compile* to compile your codes. There will be a pop-up window and after compilation is done, the status should display "Done in .. seconds". If it is not done, it

means you have a compile error as being highlighted in the codes. Double click on the error message and the cursor will point where in the codes the errors being produced. Find all errors and fix, followed by re-compile your codes until there is no more error.

*Close* the window once the compilation is done.

6. Click on *Execute>Run* to execute your program. You will see a black screen window (DOS window) displaying *hello world* on the screen.
7. You just successfully created and run your first C++ program!!