Downloading Dev C++ Compiler

1. Go to http://www.bloodshed.net/dev/devcpp.html. From there, scroll down to the Downloads section and locate the first subsection, titled "Dev-C++ 5.0 beta 9.2 (4.9.9.2) (9.0 MB) with Mingw/GCC 3.4.2". Click the "Download from Sourceforge" link.

> ***Note, this particular download ALREADY has a compiler. You do not need anything else to compile and execute code.

2. Alternatively, you can just directly click this link to start the download:
http://prdownloads.sourceforge.net/dev-cpp/devcpp-4.9.9.2_setup.exe

3. On this page there will be a message that says your download will begin shortly. If it doesn't click on the given link near the top of the page. Once you do this, you'll get a dialog box that asks you to save a 9 MB file called devcpp-4.9.9.2_setup.exe. (It will show up without .exe on it.) Save it to your C drive.

4. Open a window and click to the C: drive. Find the file you just saved, devcpp-4.9.9.2_setup.exe. Double click on the icon for it. Answer the questions that it asks. (You want it in English. Agree to the license agreement. Do a full install. Pick a directory to do the installation. The default is C:\Dev-Cpp. This is fine. Then click "Install". After that, you'll get a few more questions. You don't need to install the code completion cache. Do it if you like.

5. To create a new source file, click on File and then New. Then type in the hello.c program shown in class. After you type in the program, save it to an appropriate directory. (Call the program hello.c, thus, change the file type to .c, the default is .cpp) Next, compile the program by going to the Execute menu and choosing Compile. The shorthand key for this is Ctrl-F9. If the program compiles properly, then go ahead and run it by going to the Execute menu and choosing "Run"

6. When you run a program, you'll see that the window immediately disappears. To prevent this, add the following line right before return 0; in main:

```
system("PAUSE");
```

7. In the past you would have to do the following steps if you had Windows Vista, but apparently now you may not have to. So, if you have Windows Vista, try running Dev C++ WITHOUT doing these steps. If it doesn't work, then try them.

1. Go into the compiler options under tools.
2. Click the tab "directories" and add the directory,
>   "C:\Dev-Cpp\libexec\gcc\mingw32\3.4.2"
3. Click the tab "programs" and add "C:\Dev-Cpp\bin\" before each of the ".exe" files.