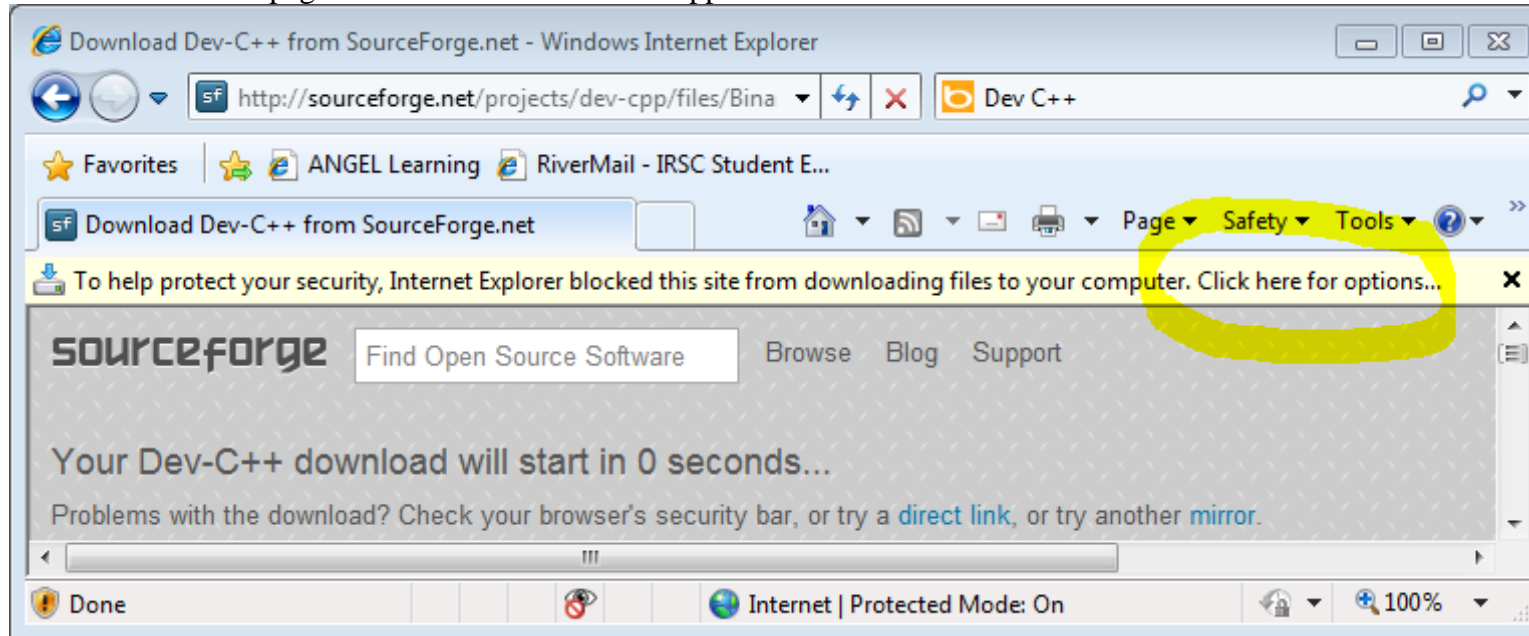


## How to Download and Install the Dev C++ Compiler

The Dev C++ compiler system is distributed as a self extracting compressed archive (zip package) of files. This file can be executed like any other program. It is a package containing all files necessary to install the Dev C++ IDE and a program that installs them. These instructions cover only the acquisition and installation of the software system. Other pages will demonstrate how to use the compiler once it is installed.

The steps to download and install the Dev C++ compiler system on any Windows-based PC are:

1. Start at the Dev C++ Resource Site at: [[www.bloodshed.net/dev/devcpp.html](http://www.bloodshed.net/dev/devcpp.html)]
2. On the bottom half of that page, you will see a few different files listed under the heading "**Downloads**". If this is your first time installing Dev C++ on your computer, choose the *first* item entitled "Dev-C++ 5.0 beta 9.2 (4.9.9.2) (9.0 MB) with Mingw/GCC 3.4.2" by clicking on the [[SourceForge](#)] link beneath the words "Download from". *Although the Dev C++ compiler can be downloaded from many different files servers on the Web, the author's official download site is the [[Dev C++ Download Page at SourceForge.Net](#)]. That is where the [SourceForge] link above leads.*
3. You will see a Web page similar to the one in the cropped illustration below.



**If** you see a security warning (similar to the yellow bar in the illustration above containing the words "To help protect you security, Internet Explorer blocked this site from download files to your computer..."), then follow its instructions to allow the download. For example, in Internet Explorer, click on the yellow bar and select Download File....

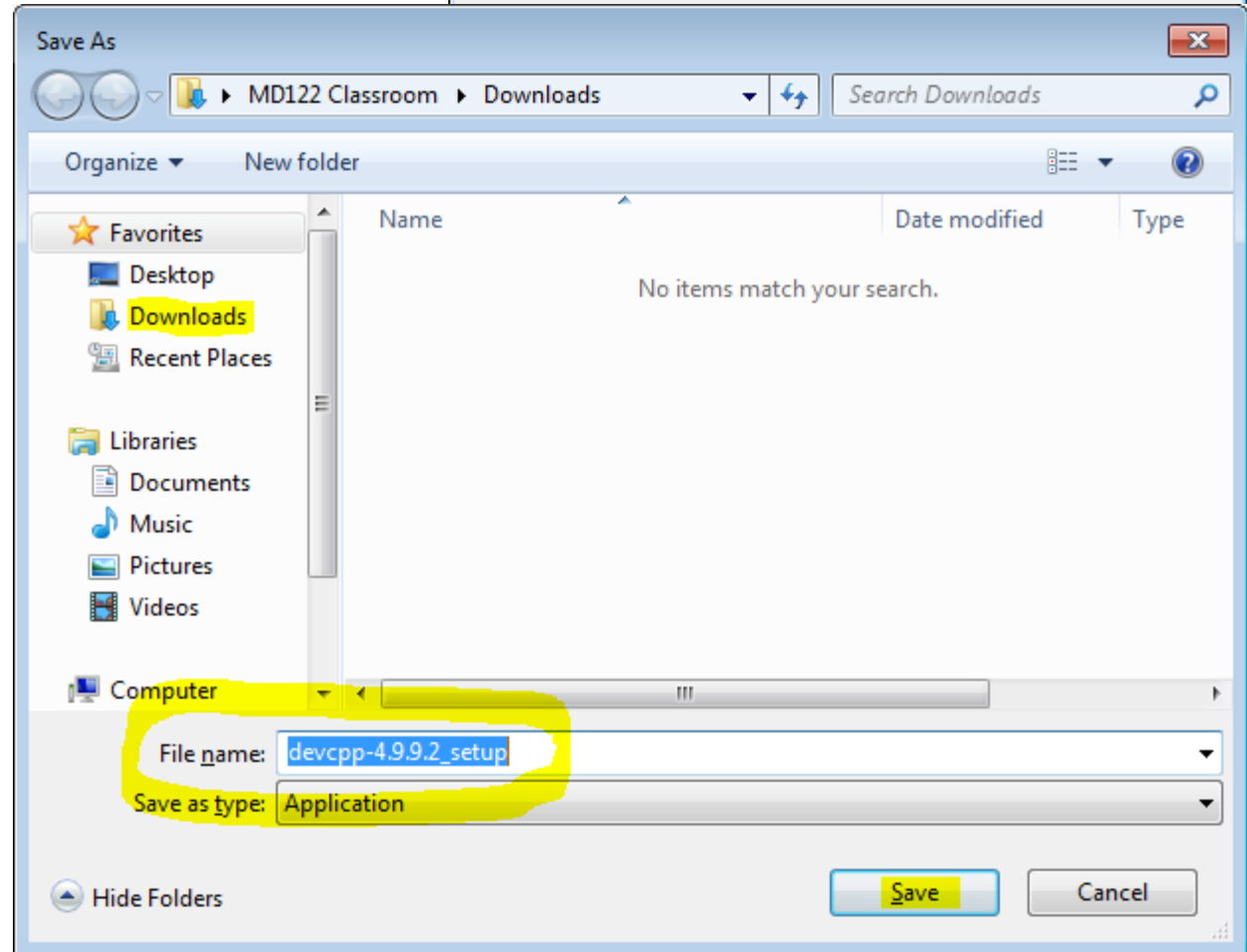
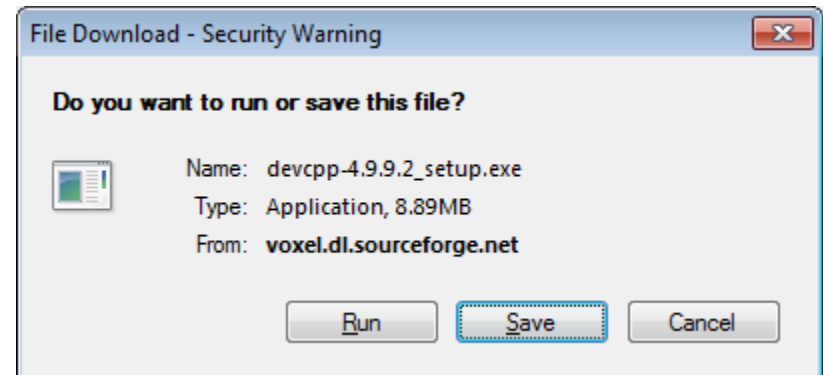
## How to Download and Install the Dev C++ Compiler

- You should see a dialog box similar to the one to the right. In this procedure, we will save a copy of the installation program for later use, and then run it in a later step. *This would give you the opportunity to scan the file for viruses or pass it on to others later.* So click on the Save. Button to proceed.
- You should see a dialog box similar to the one to the one below. Select a desired target folder in the navigation pane on the left side of the dialog box. In this illustration we have chosen the **Downloads** folder as the target location. If you choose a different folder, remember which one you chose for later steps.

Notice the name of the file:  
"devcpp-4.9.9.2\_setup"

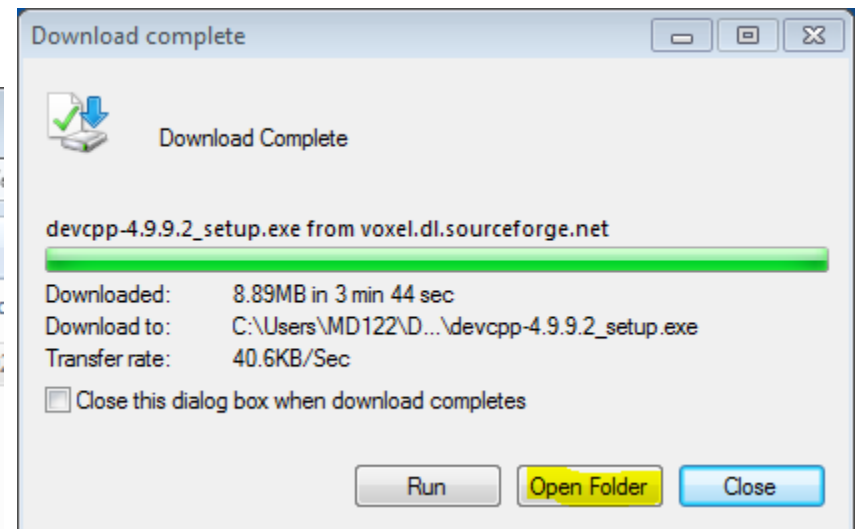
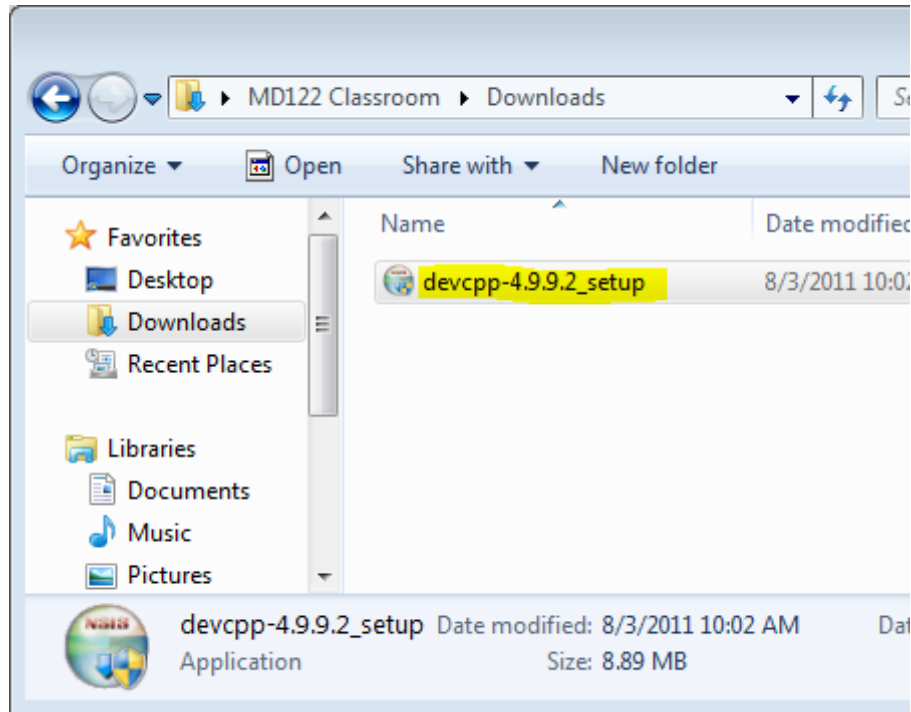
Then click the **Save** button.

It will take a while for the file to be downloaded to your computer, during which you will see a dialog box similar to the one on the next page which shows a progress bar and then allows you to choose the next action.



## How to Download and Install the Dev C++ Compiler

6. When the **Open Folder** button (as seen on the right) becomes active, click it. You should then see the (cropped) dialog box below.



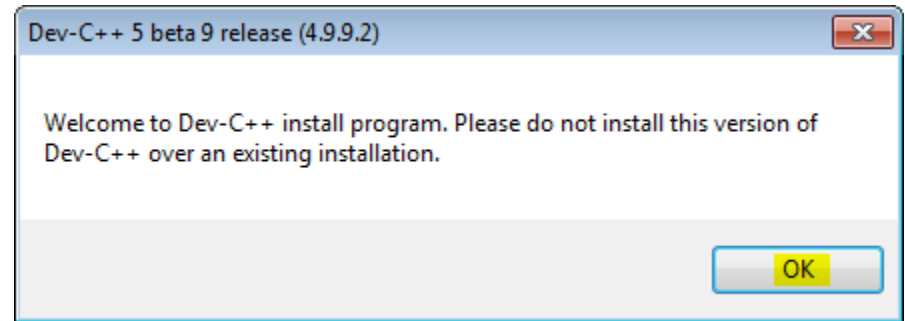
Double-click on the filename **devcpp-4.9.9.2\_setup** to run the installation program.

Depending on your version of Windows, you might encounter some warning messages related to security, such as:

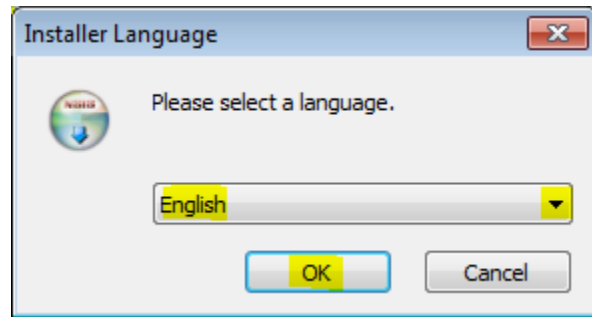
“Do you want this program to allow changes on this computer?” Respond Yes to these and proceed.

## How to Download and Install the Dev C++ Compiler

- The installation program will begin and display the alert box on the right, warning that you should not install this version on top of another version of the same program. (Other versions should be removed first.) Click the **OK** button to proceed.
- The installer program will unpack some files and then display

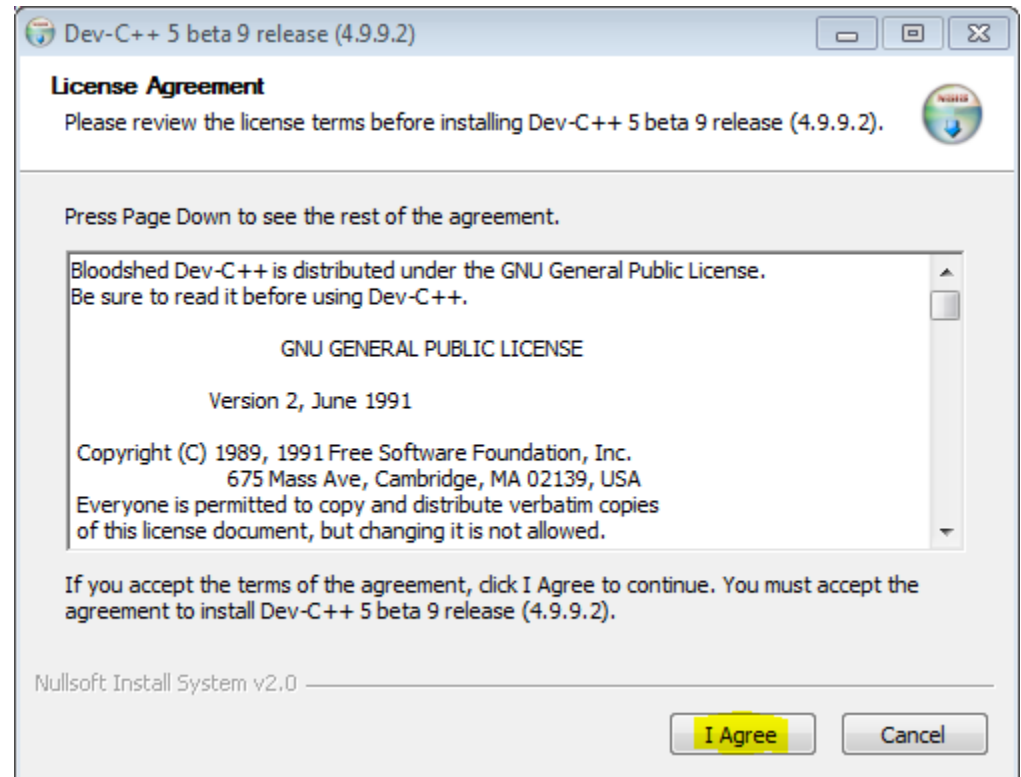


the dialog box to the left.



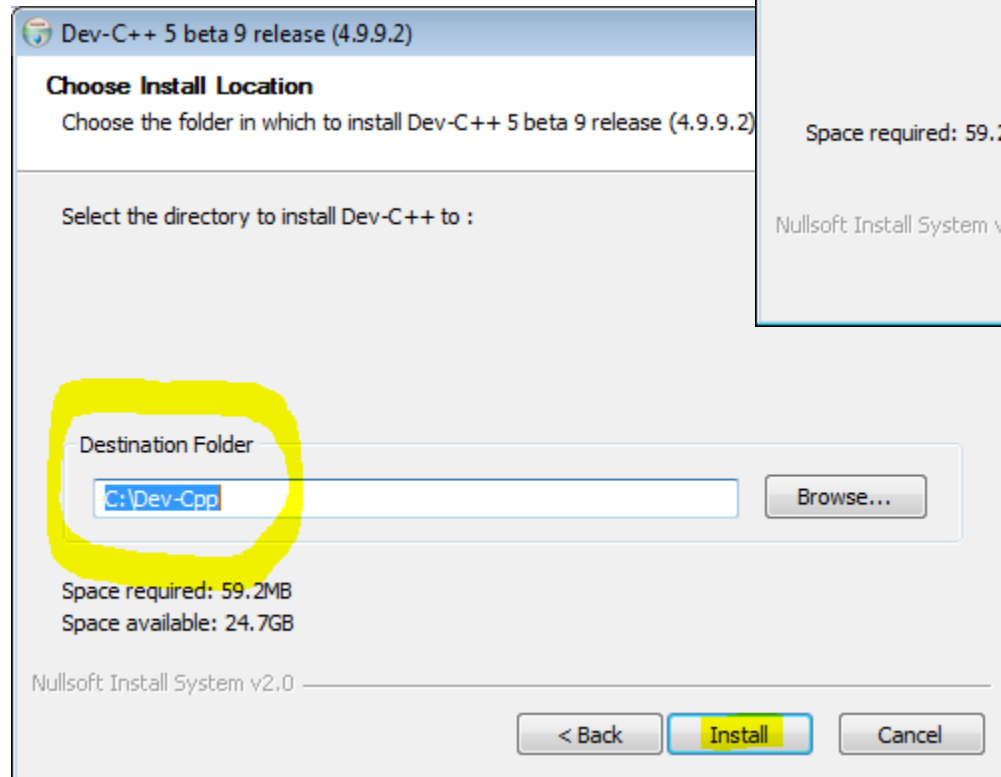
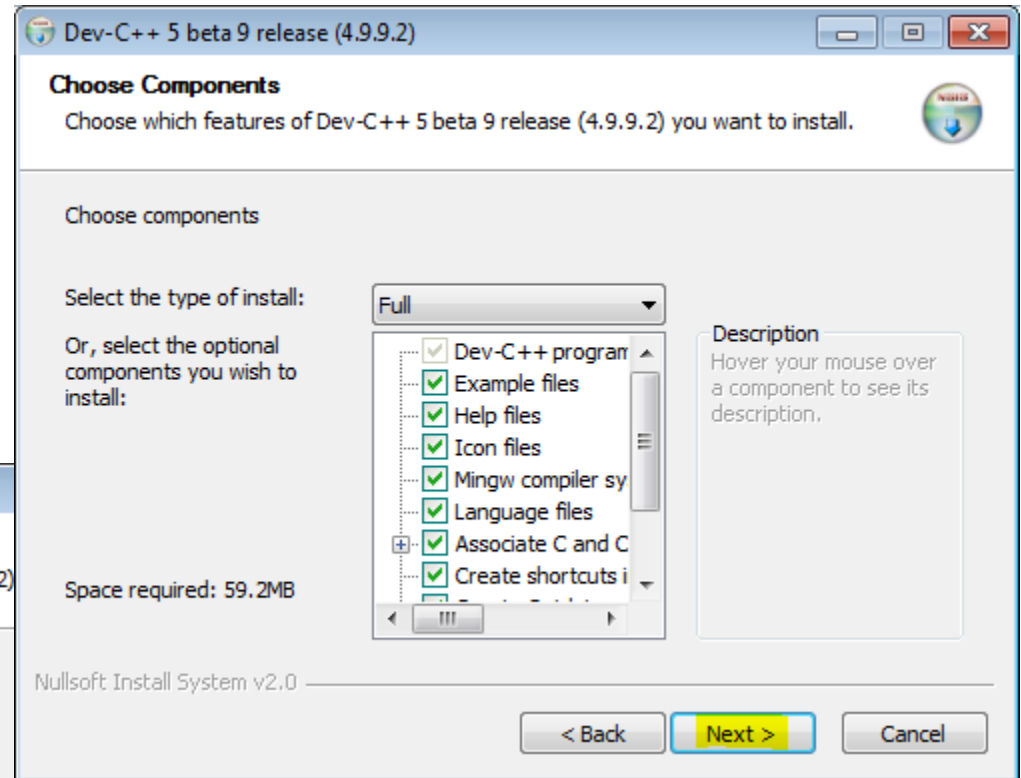
Unless you prefer another language, accept the default choice of **English** and click the **OK** button.

- Then a dialog box displaying the license agreement will appear. This describes the GNU GENERAL PUBLIC LICENSE, which is a standard license used for most "open source" software. The only way to proceed is to agree to the license by clicking on the **I Agree** button. So do that.



## How to Download and Install the Dev C++ Compiler

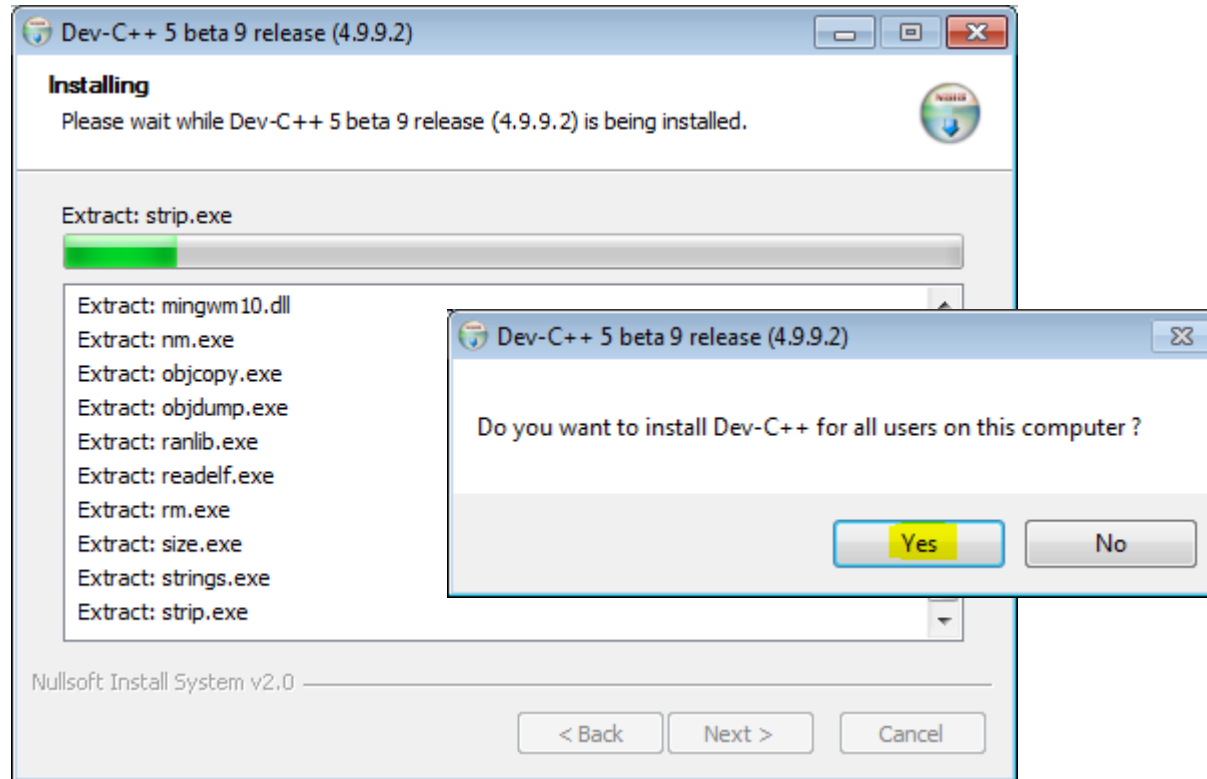
- Next you should see a dialog box similar to the one on the right, in which you can select or deselect optional features for installation. The fewer features you choose, the less space the compiler will use on your hard drive. A good compromise is to Select the type of install named Typical instead of Full. That will select the most frequently used features and be adequate for our course. Then click on the **Next** button.
- The program will then ask where to install the compiler as shown in the dialog box below.



Accept the suggested destination for the installation by clicking the **Install** button. *Note: If you prefer using a different installation directory, BE SURE to use a directory path that DOES NOT CONTAIN SPACES in the pathname (this means you can't use a subdirectory like "C:\Program Files"). In fact, it is best to avoid blank spaces in filenames and folder paths always. If you want the look of a blank space, use and underscore character ("\_") instead.*

## How to Download and Install the Dev C++ Compiler

12. The installation program will start to extract and install files related to the selected features and display the dialog box below. Almost immediately another dialog box will overlap that one (as shown below) asking Do you want to install Dec-C++ for all users on this computer? Unless you prefer not to, answer in the affirmative by clicking the **Yes** button. *Note: if the installation fails, re-install and try "No" for this.*

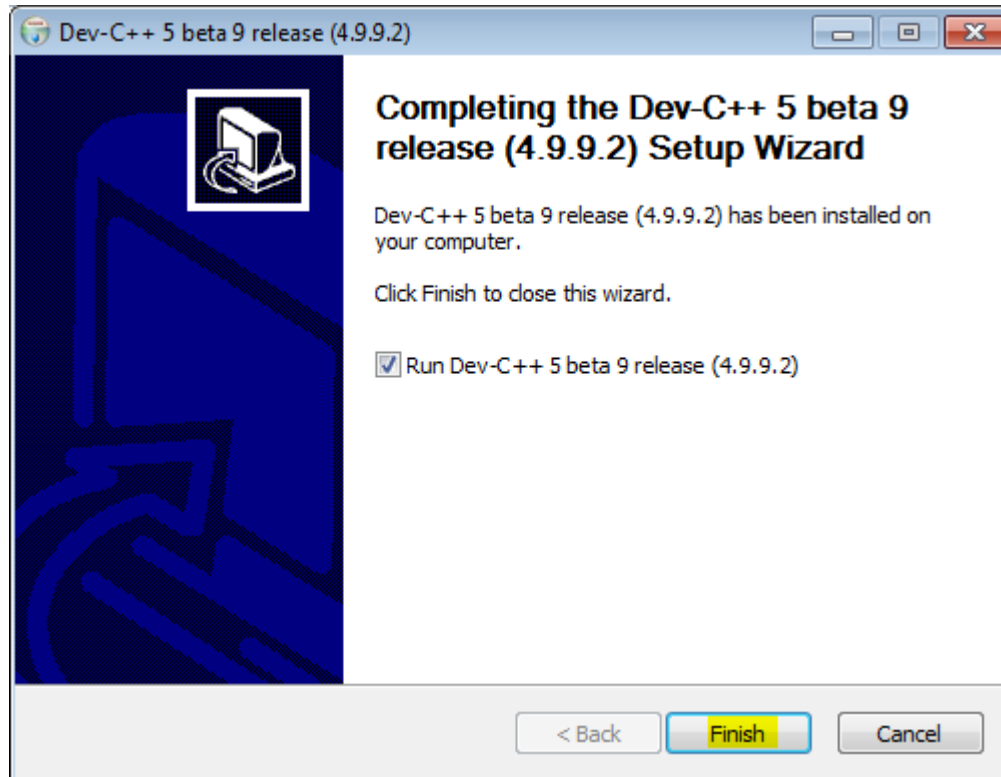


(Continued on next page)

## How to Download and Install the Dev C++ Compiler

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13. Finally, you should see the dialog box below indicating that your installation is complete – well almost.



At this point new icons should be installed in your Windows Start menu and on your task bar (or desktop), similar to the one above. There are still some "first time use" configuration steps to perform. So leave the checkbox (shown above) set to Run Dev-C++ ... and click the **Finish** button.

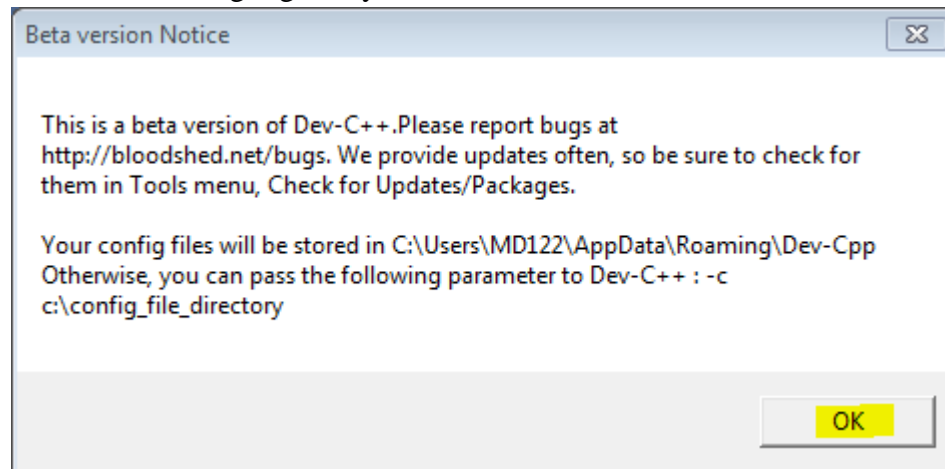
(Continued on next page)

## How to Download and Install the Dev C++ Compiler

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14. The following series of "first-time configuration" dialog boxes will appear. Simply accept the default settings in each by clicking on the buttons shown highlight in yellow below. There could be substantial delays between some of the steps.



## How to Download and Install the Dev C++ Compiler

Dev-C++ first time configuration

This is the first time you have launched Dev-C++. You may configure the startup settings now, or later change them from the Environment options in the Tools menu.

Select your language :

- Chinese
- Chinese (TW)
- Croatian
- Czech (Eetina)
- Danish
- Dutch (Nederlands)
- English (Original)

Select your Dev-C++ theme :

New Look

Use XP Theme

```
#include <...>

/* Declare
LRESULT CAL

/* Make th
char szClas

int WINAPI
```

Dev-C++ first time configuration

Dev-C++ can retrieve information from headers files, to help you find functions, classes and variables prototypes easily, through a class browser and a code completion list.

Although this feature is useful, it requires more CPU power and memory, and may not be suitable for all developers. Do you want to use it ? You can enable or disable it later in Editor Options, Class Browser.

Yes, I want to use this feature

No, I prefer to use Dev-C++ without it

```
#include <...>

/* Declare
LRESULT CAL

/* Make th
char szClas

int WINAPI
```

Dev-C++ first time configuration

You decided to use the code completion feature. To optimize this process, it is recommended to create a cache of the standard headers files.

Do you want to create the code completion cache now? This can take several minutes. It is possible to create this cache later in Editor Options, Class Browsing, Completion.

Yes, create the cache now

No, do not create the cache

Use this directory instead of the standard one:

```
#include <...>

/* Declare
LRESULT CAL

/* Make th
char szClas

int WINAPI
```

Dev-C++ first time configuration

Dev-C++ has been configured successfully, you may now click OK to proceed to its loading.

If you need help using Dev-C++, please refer to the Dev-C++ help file in the Help menu. You will also find there a FAQ (which is very important to read in case you have a problem) and a C tutorial.

You can also download packages (like libraries or tools) to use with Dev-C++, and upgrade to the latest version by using WebUpdate, which you will find in Tools menu, Check for Updates/Packages.

```
#include <...>

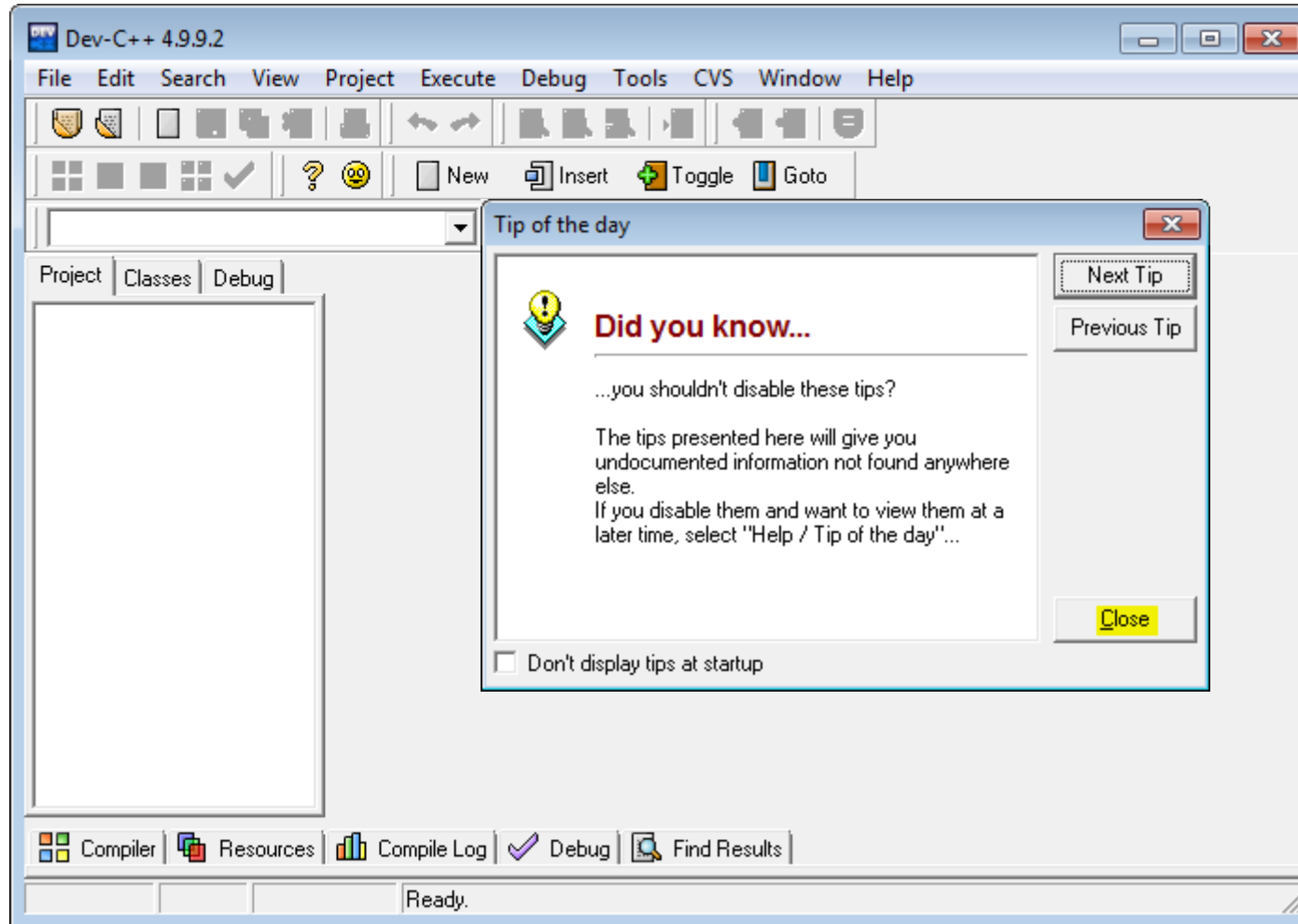
/* Declare
LRESULT CAL

/* Make th
char szClas

int WINAPI
```

## How to Download and Install the Dev C++ Compiler

15. The Dev-C++ Compiler will launch a new program window and immediately display a Tip of the day dialog box on top of it as shown below. These are useful tidbits of knowledge about the software that will appear each time you load the compiler unless you select the Don't display tips a startup checkbox. They can be accessed at any time from the Help menu. You can advance through as many of these tips as you like by clicking on the Next Tip (or Previous Tip) button. but for now **Close** that dialog box.



*The Help files for this program were created in "Windows Help format", which depends on a feature that is not included in recent versions of Windows. However, you can download a program that will allow you to view Help created in the Windows Help format. For more information, go to the Microsoft Help and Support website at: [\[support.microsoft.com/kb/917607\]](http://support.microsoft.com/kb/917607) Test if your Help feature works before trying this solution while in Dev C++ with the menu commands: Help, Help on Dev C++. If you receive an error message, then you will need to download the extra Help program if you want to use the compiler's Help files.*

16. Now the installation is truly complete. Feel free to explore the program as much as you like. When you are ready to close it, click on the menu choices: File, Exit.