Installing Visual Studio 2019
## For use in courses: ITCO381 & ITSD325

NOTE – this install is for the Windows 10 operating system. It will run in Windows 7 or 8 ONLY if fully patched and updated to the most current release.

Step 1: Update Windows

Before installing Visual Studio, you need to make sure that your computer is up to date and has all the latest patches from Microsoft. The location of Windows Update varies in different versions of Windows. In Windows 10 you can run Windows Update with the following steps:

RIGHT-click on the Windows icon/Start Menu button, which will produce this menu:

Click "**Settings**", which will take you to this screen (below):
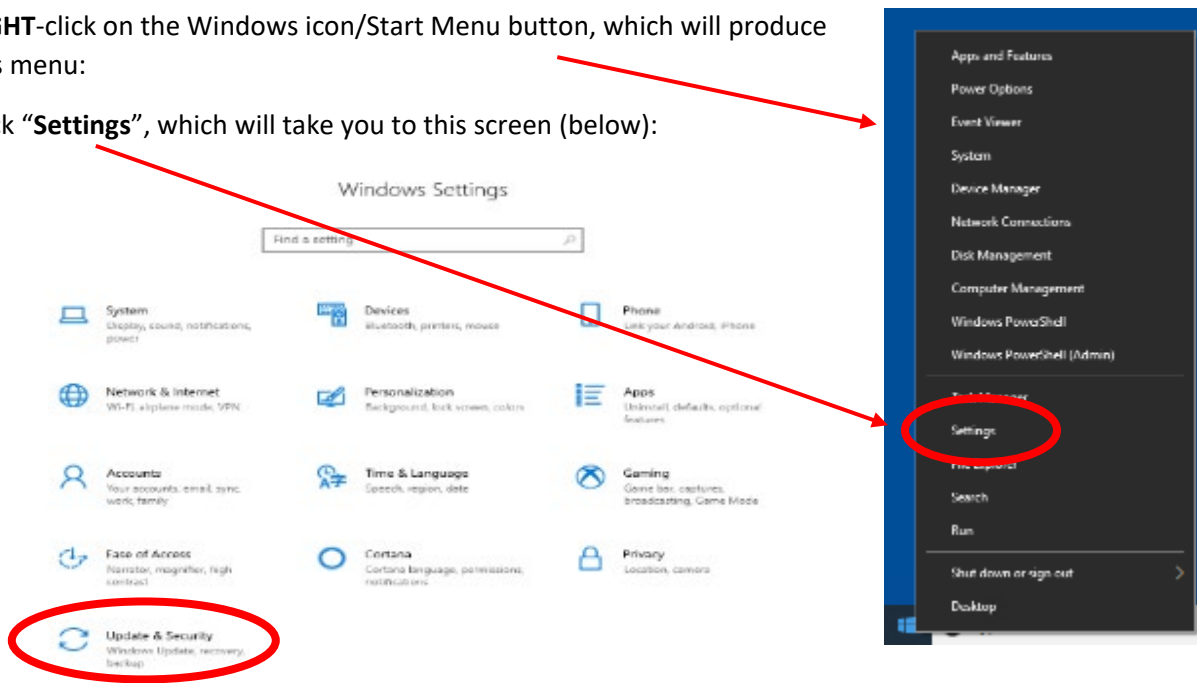
Click "**Update and Security**", which will bring up this screen:
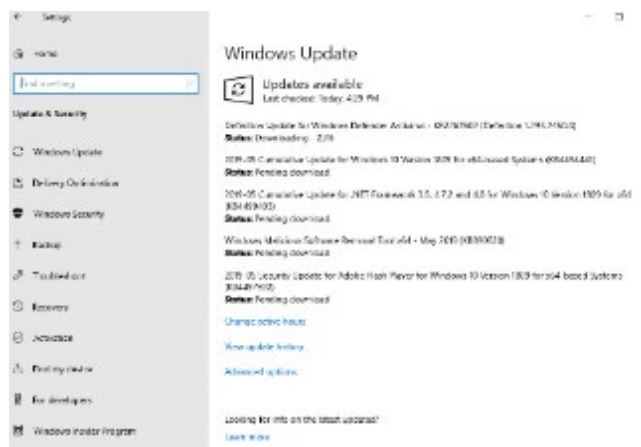
The example above shows several updates taking place. Wait for them all to complete. This may require several restarts, and after each one you should **return to this screen and repeat the update process**.

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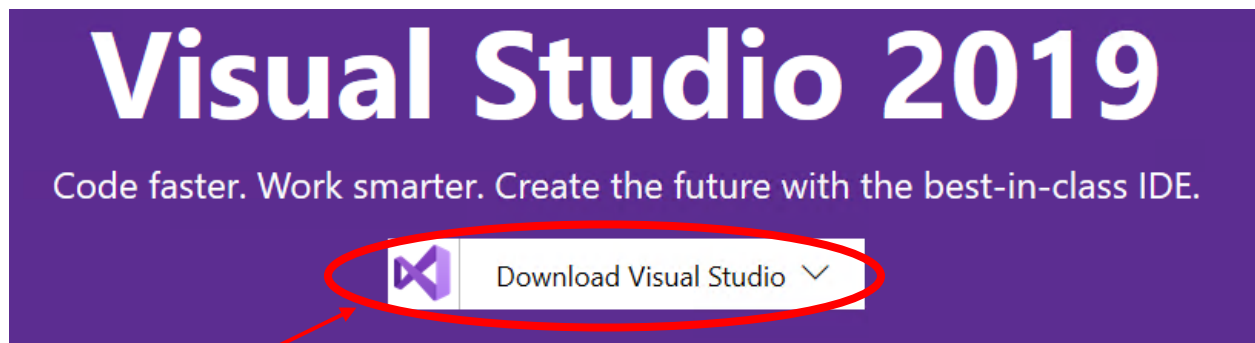When finished, this screen should look like this:

Once it says you are "up to date" (as shown above), then you are ready to install Visual Studio.

Step 2: Download and Install Visual Studio 2019 Community Edition

Go to this Web site:

https://visualstudio.microsoft.com/vs/

On the screen you should see this:

Click "**Download Visual Studio**" and a sub-menu will appear. Click "**Community 2019**" to begin the download.

Note: The Community edition is preferred because it incurs no additional cost for students. The Professional and Enterprise editions are best for large team development and advanced software testing projects.
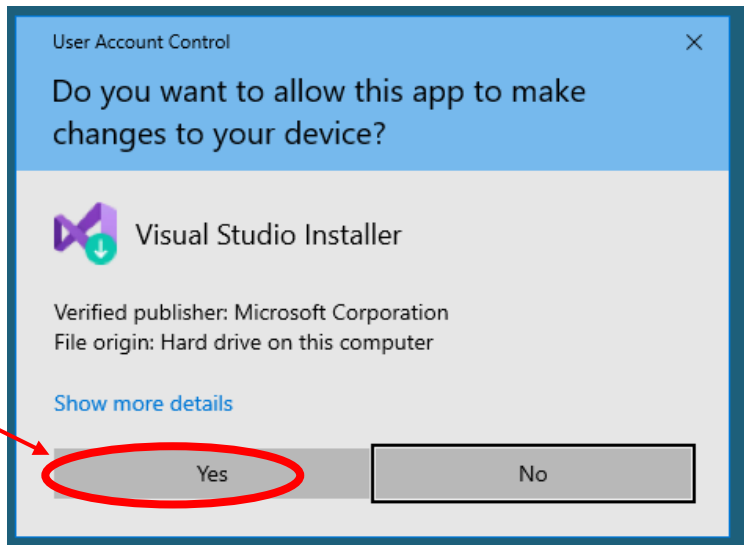
If you're browsing with Microsoft Edge or Internet Explorer, the following message will appear:

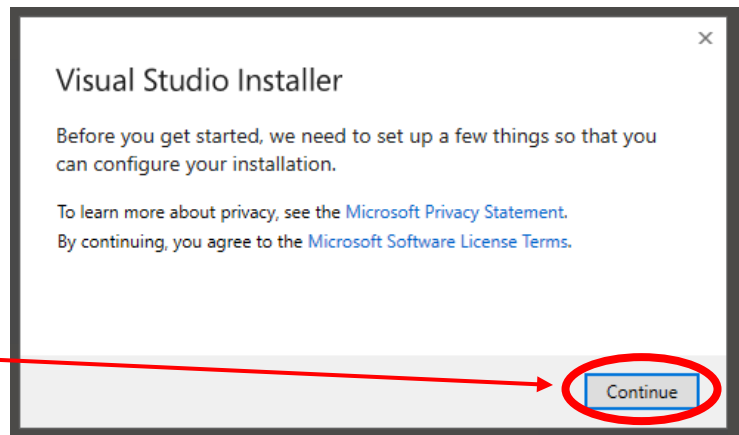Click "**Run**" to begin the installation.

For users of Chrome or other browsers, download the installation file to your hard drive and run it by double-clicking on it from the download location.
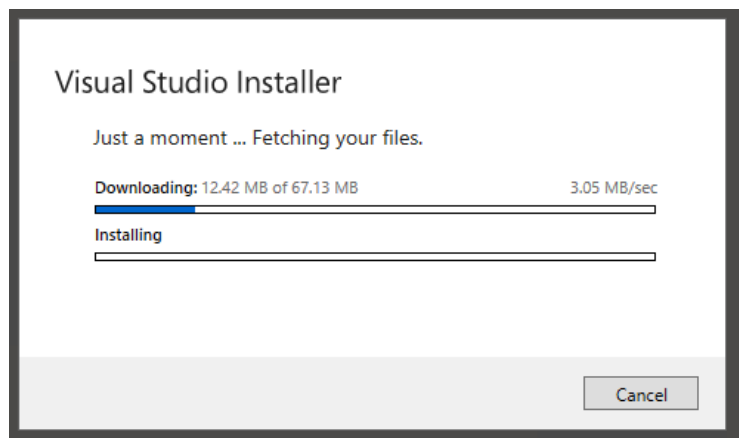
Next, a User Account Control window will appear:

Click "**Yes**" to continue.

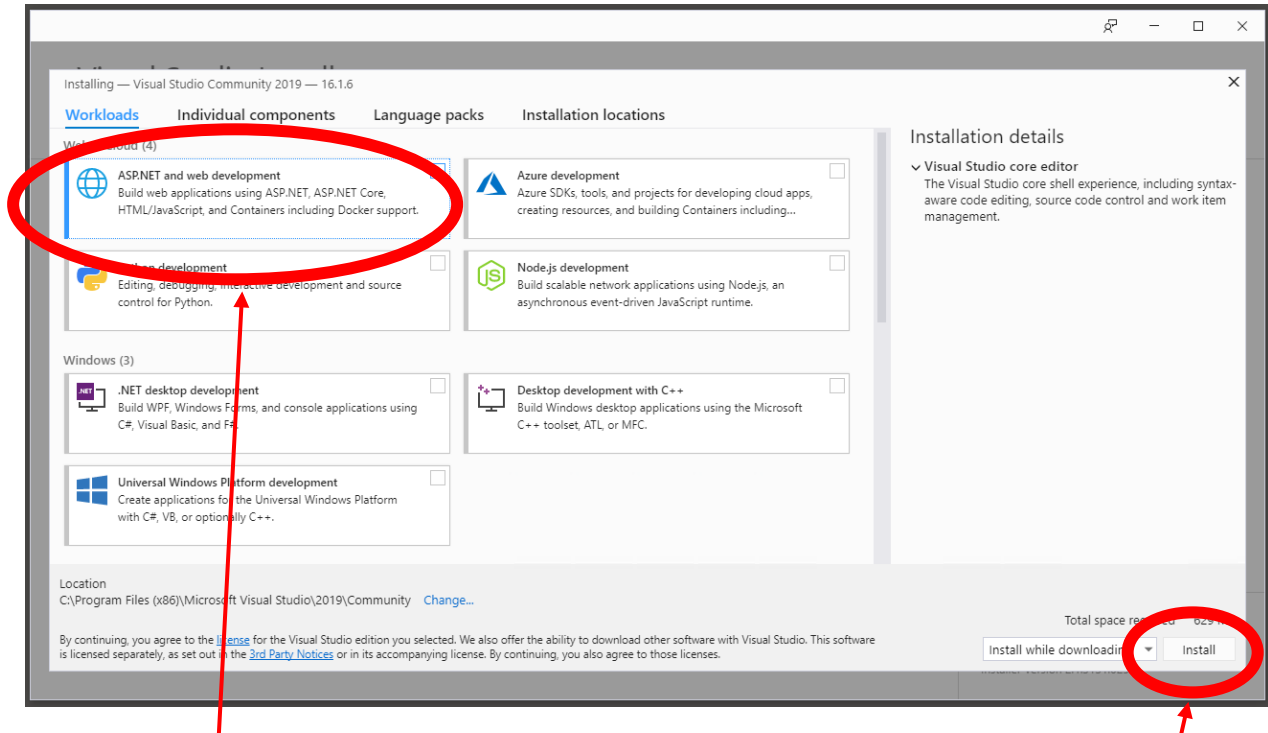Next, the following setup screen will appear:

Click "Continue".

The installation setup will begin:

After the prior process completes, the following screen will appear:

Click **"ASP.NET and web development"**, which will select that module for installation. Then click "**Install**".

Wait for the installation to finish.
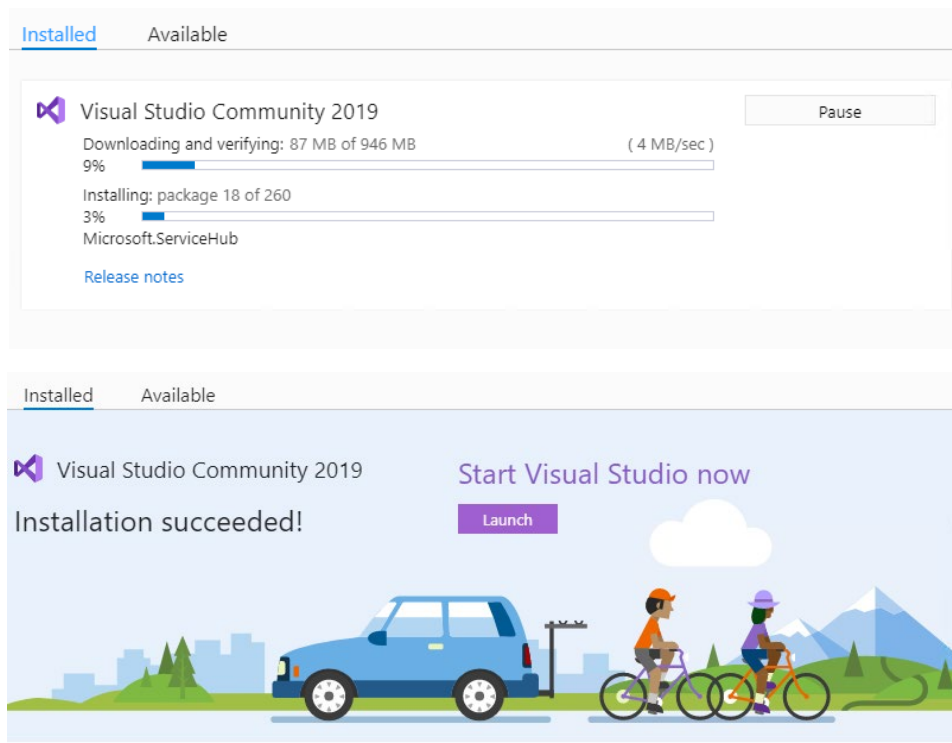
Note: At this point Visual Studio may launch on its own and present the screen shown in Step 4 below. You should ignore it for now and complete Step 3 first so that you can easily run Visual Studio again later.

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Step 3: Start Menu Icons

On the final installation screen (shown in previous step), you can click the Launch button to run Visual Studio. But that screen won't be available later, so it's a good idea to make a shortcut on the Start Menu or the Taskbar to make it easier to find Visual Studio later.

To do this, open the Windows Icon/Start button and examine the upper-left area of the Start Menu:

As you can see from the picture at right, Visual Studio is not visible. Click the "**Expand**" button. This will reveal the icon for Visual Studio.
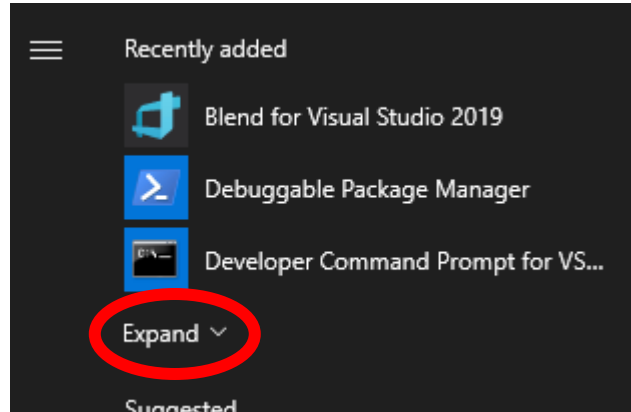
Once the icon has appeared, <u>right</u>-click it and then select either "**Pin to Start**" (if you want it on the Start Menu), or click on "**More**" and then "**Pin to taskbar**" (if you want the icon to appear on the taskbar) (or select both if you prefer).
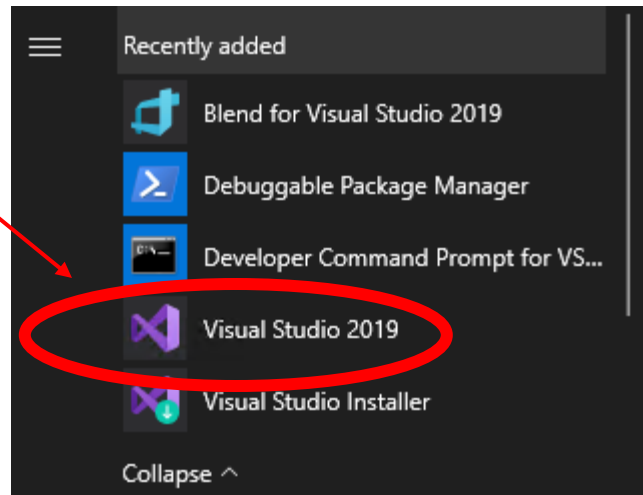
Once you have Visual Studio's icon ready, run Visual Studio by left-clicking on it.
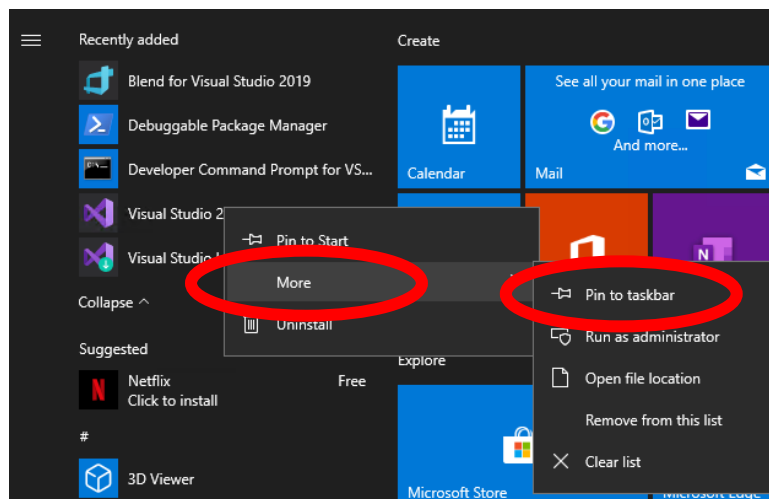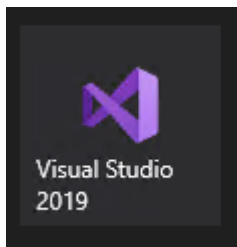
Step 4: Sign-In

The first screen Visual Studio presents will look like this:

The "Sign in" step can be skipped by clicking "Not now, maybe later", or you can go ahead and enter your Microsoft account credentials (if you have a Microsoft account), or create a Microsoft account if you don't have one.
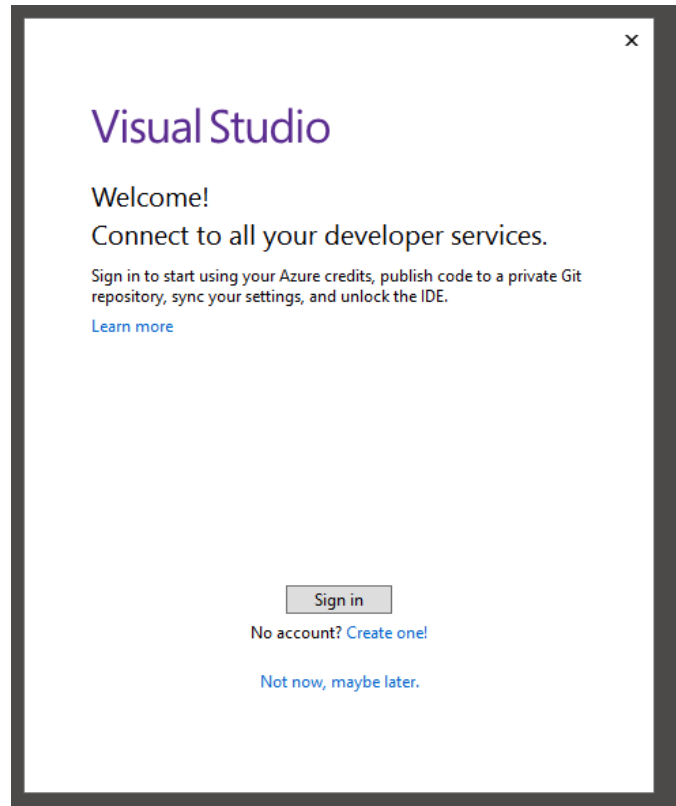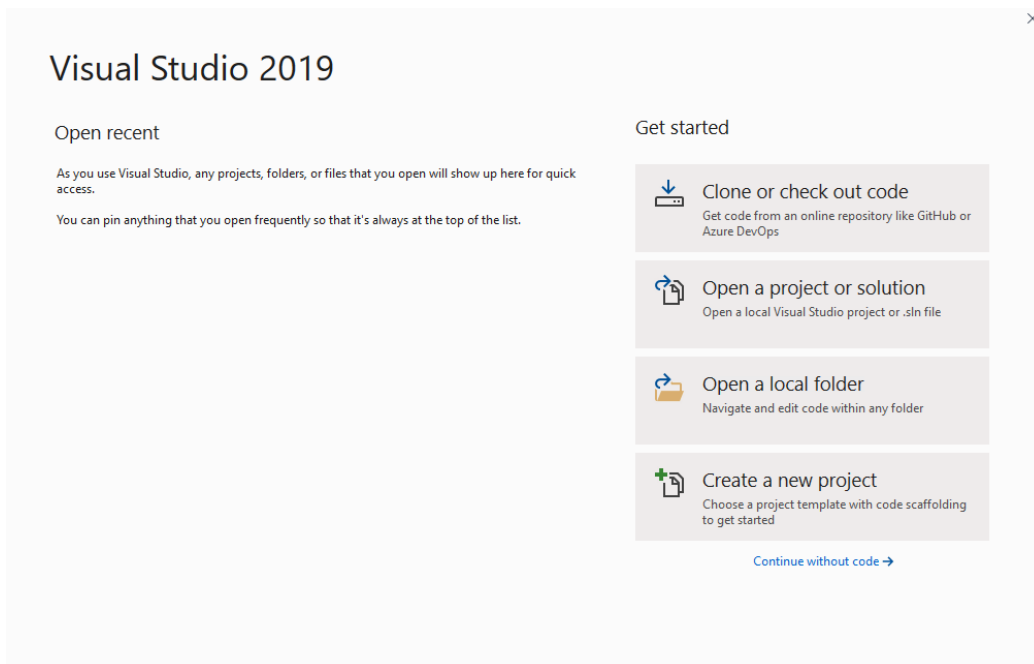
You will not need Microsoft online services for your coursework with AIU. However, if you don't sign in, Visual Studio won't be registered and it will expire after 30 days. Note that there is no cost to registering.

Visual Studio

Welcome!
Connect to all your developer services.

Sign in to start using your Azure credits, publish code to a private Git repository, sync your settings, and unlock the IDE.

Learn more

Sign in

No account? Create one!

Not now, maybe later.

When you have finished registering, you should see this screen:

Visual Studio 2019

Open recent

As you use Visual Studio, any projects, folders, or files that you open will show up here for quick access.

You can pin anything that you open frequently so that it's always at the top of the list.

Get started

Clone or check out code
Get code from an online repository like GitHub or Azure DevOps

Open a project or solution
Open a local Visual Studio project or .sln file

Open a local folder
Navigate and edit code within any folder

Create a new project
Choose a project template with code scaffolding to get started

Continue without code →

This indicates that installation is complete. You can close this screen or continue working, and you can close the Visual Studio installer if it is still running in the background, as well as the Web site where you downloaded it. You are now ready to work in Visual Studio 2019!