Setup Visual Studio IDE

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SETUP VISUAL STUDIO IDE

OBJECTIVE:

This document aims at providing details of setting up the environment for using your visual studio.

Windows Environment

Download Visual Studio

Please download Visual Studio from the following link:

We will be using Microsoft Visual Studio Community Edition 2019 on Windows for this course.
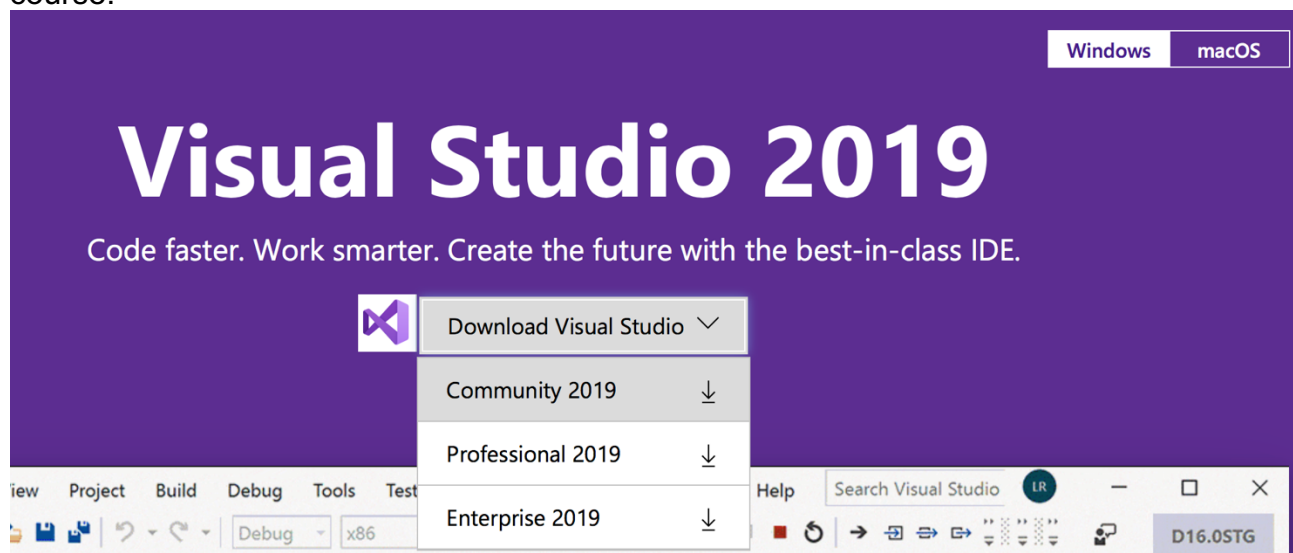

Figure 1: Visual Studio Community Edition 2019 Download

Run the downloaded program

Run the downloaded program and follow the link provided below to install:
Please make sure you choose ASP.NET and web development at least in the Step 4 – Select workload screen. There will be other programming languages supported by Visual Studio and if you are interested or have units you are taking related to it, you could check those as well.
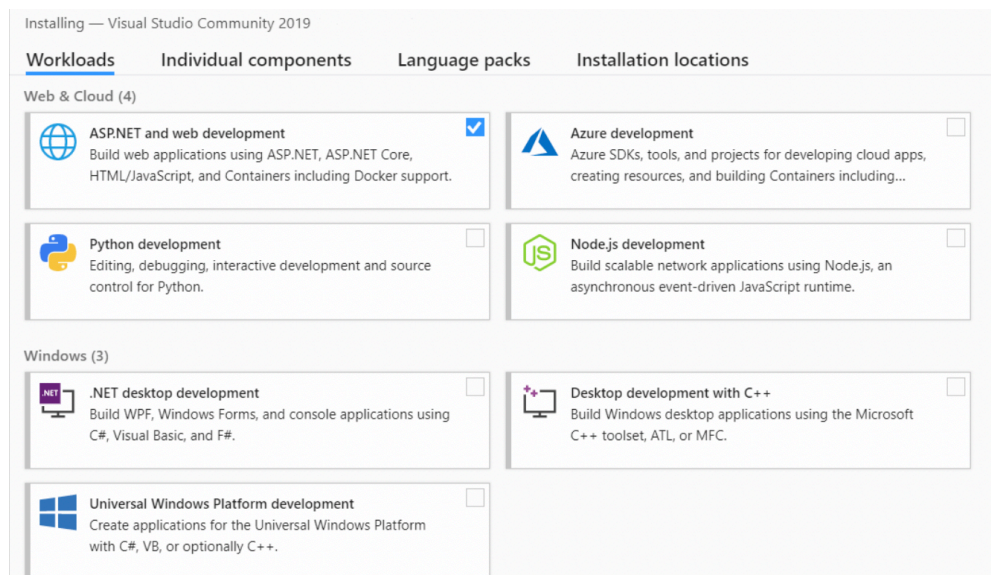https://docs.microsoft.com/en-us/visualstudio/install/install-visual-studio

Figure 2: Visual Studio Community Edition 2019 Workloads

Mac Environment

Although Mac has its own version of Visual studio, it provides less feature compared to Windows. The best way to is to use Bootcamp or virtual machine. Bootcamp is a preferred approach as Virtual machine requires more resources (at least 80GB disk space and 8GB RAM) and it might cause lag.

Download Windows
You could download Windows from the link provided below:

https://onthehub.com/download/free-software/windows-10-education-for-students/

Bootcamp option:
Please follow the link below to use Bootcamp. Please make sure you give your Windows Partition at least 80 GB for running both Windows and Visual Studio.
https://support.apple.com/en-au/HT204990#newinstall

Virtual Machine option:
You could follow the link below to install Virtual box and run Windows 10. You could refer to both document version or video version to do it, the suggested RAM is 8GB, 4GB RAM will make your program running slow.
Document Version:
https://medium.com/oceanize-geeks/install-windows-10-7-on-mac-using-virtualbox-109be82b6037

Watch Video Version:
https://www.youtube.com/watch?v=MuAVOpO7yFc

Install Visual Studio for Bootcamp or Virtual Machine
This process is the same as above "Windows Environment". Remember to download the file inside your Windows System instead of Mac System.