**UNIVERSITY OF ENGINEERING AND TECHNOLOGY, LAHORE**

**(NAROWAL CAMPUS)**

**­**

**NAME :**

**ABDULAHAD HUSSAIN**

**ROLL NO. :**

**549**

**SECTION:**

**A**

**SUBJECT:**

**Object Orientend Programming (OOP)**

**SUBMITTED TO:**

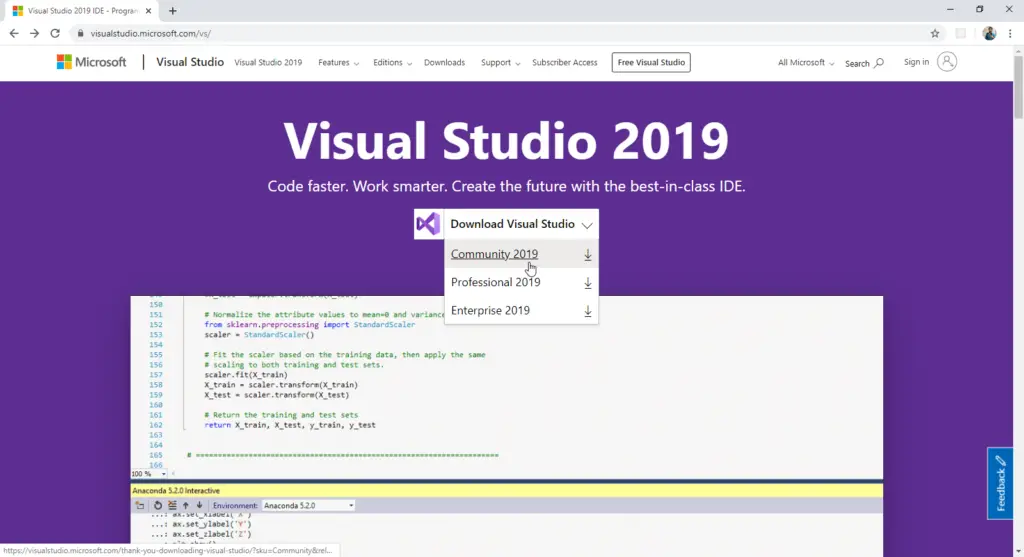
**MAM SADIA TARIQ**

**LAB MANUAL**

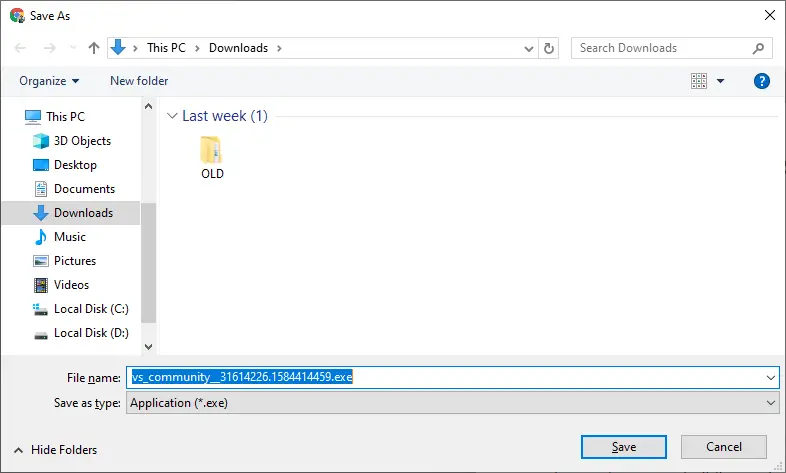
**LAB #01:**

**Installing Visual Studio 2019:**

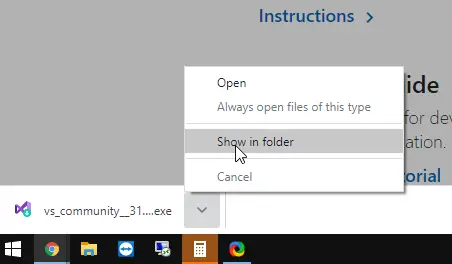
Let’s start the installation process by first downloading the Visual Studio Installer, which is about 80 Mb in file size. Navigate to <https://visualstudio.microsoft.com/vs/> and click over Community 2019.



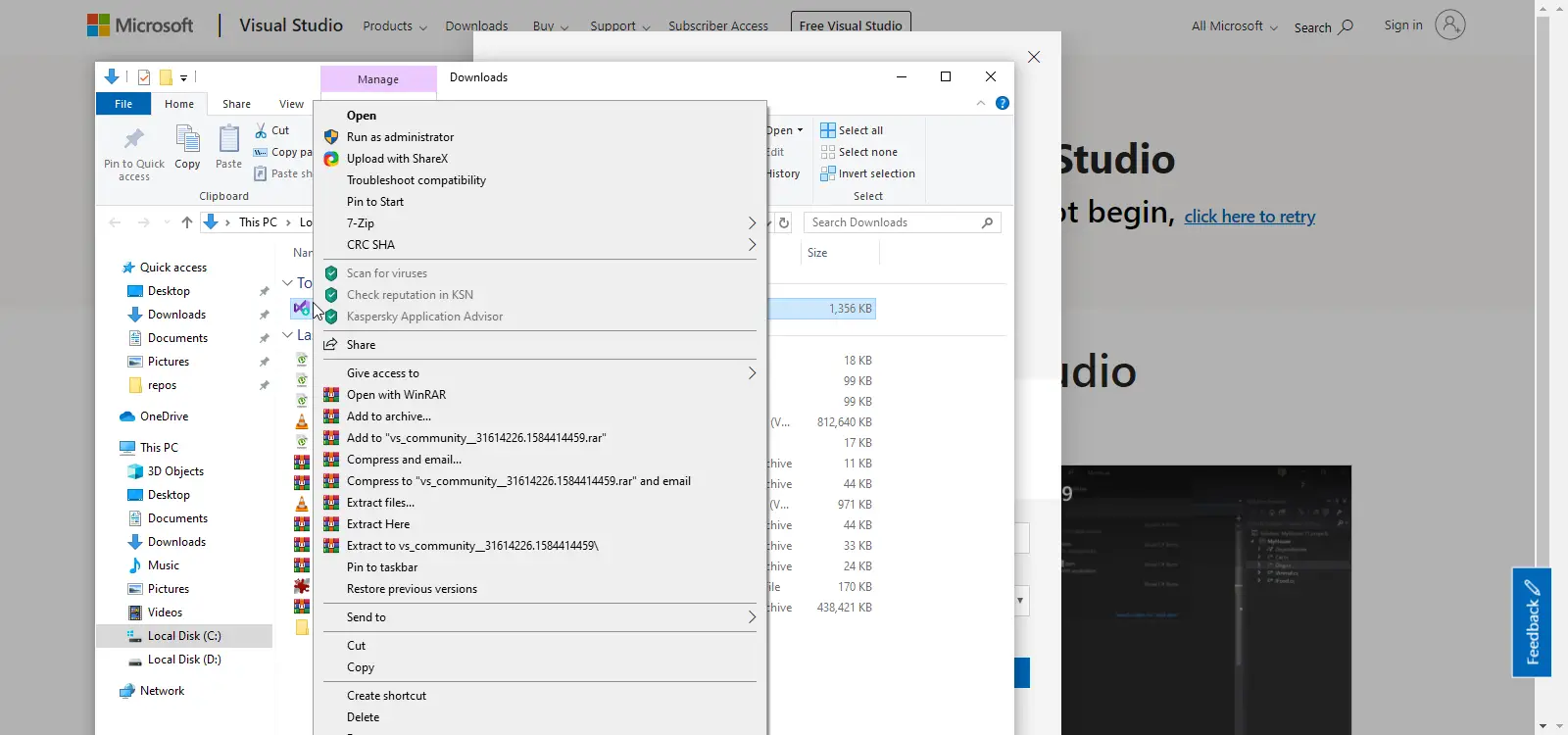
This will open a popup prompting you to select a download location. Select your desired location and hit on save button.



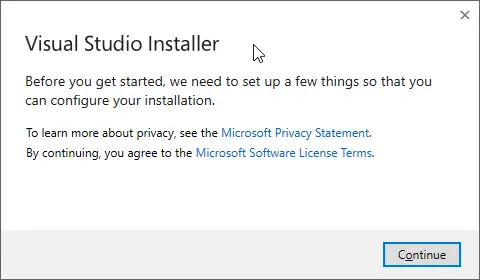
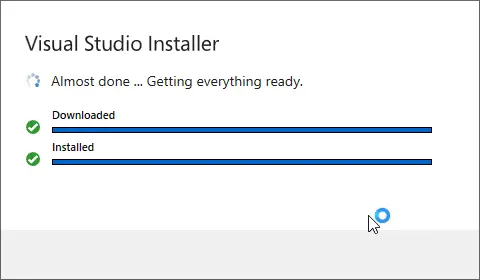
Once the download is complete, click on the arrow icon on Chrome and hit on the Show in Folder option or directly open up the downloaded file.



Right click on the downloaded file and click on Run as Administrator. Note : This is not a mandatory step, but just in case.

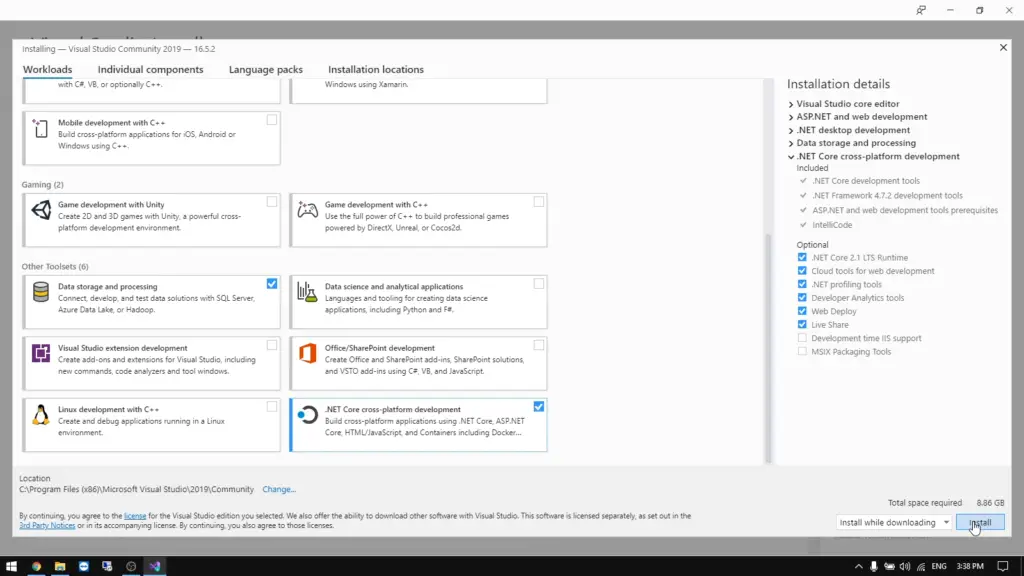


Click on Continue. This will start downloading the actual setup files, which is somewhat around 80-100 Mb.



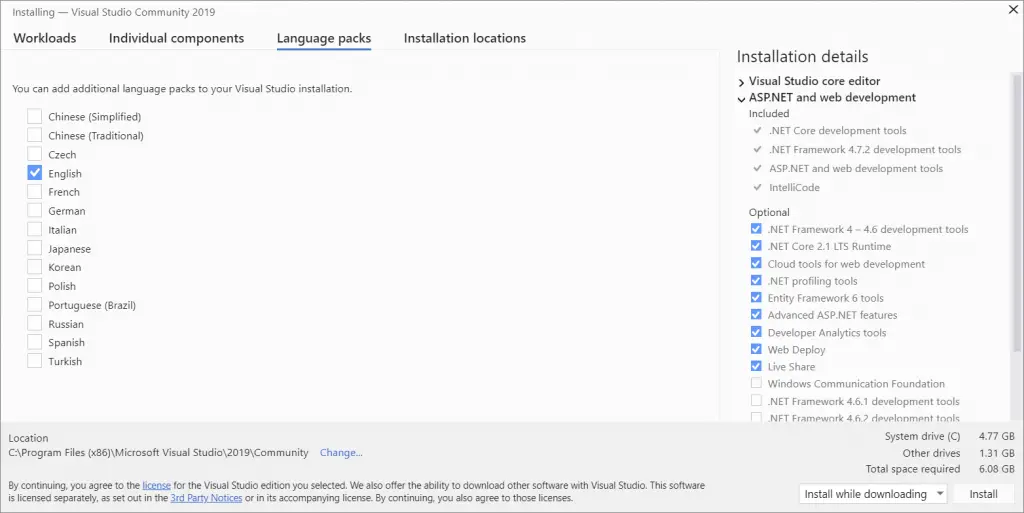
**Select the Required Workloads:**

What are workloads? Basically there are the environments that you will need for developing platform-specific applications. I recommend you to go through each option and select the required ones. I would install ASP.NET, .NET Desktop Development, Data storage and processing, and finally .NET core cross-platform development (**Very Important!**). These Selections would take up around 9GB on my storage.



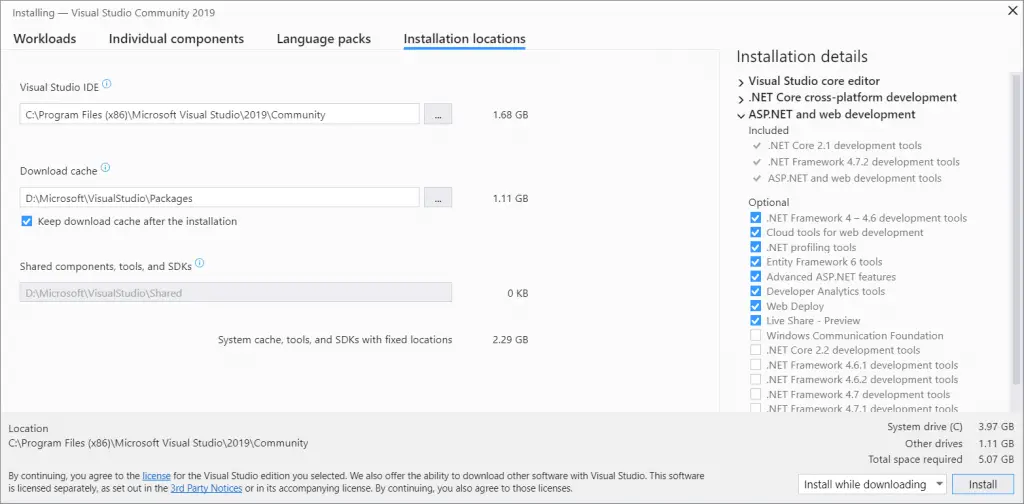
**Select the Language Packs – Optional:**

By default Visual Studio Installer tries to match the language of your operating system. You are also free to choose the language packs of your preference.



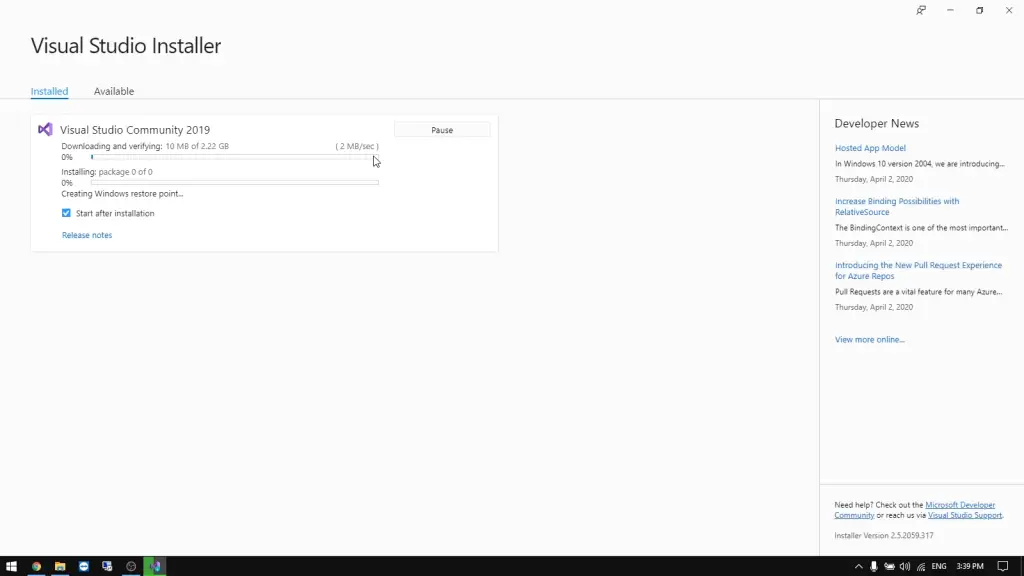
**Select an Installation Location – Optional:**

By default, Visual Studio Community 2019 gets installed on your Operating System’s default Drive in the Programs Folder. If you do not have enough space on your C drive, you would want to re-allocate the location to another drive with sufficient storage space.



**Start Installation:**

Once you are happy with your selections, Hit the Install button. Visual Studio will start getting downloaded on to your machine. This would take around 20 – 40 minutes depending on your machine and internet connection.



Starting Visual Studio 2019 Community for the first time.You will be welcomed with such a splash screen.

