

## Assignment 01

### 1. Installing windows operating system

Step 1 - Format the drive and set the primary partition as active.

Connect the USB flash drive to your technician PC.

Open Disk Management: Right-click on Start and choose Disk Management.

Format the partition: Right-click the USB drive partition and choose Format. Select the FAT32 file system to be able to boot the PC.

Set the partition as active: Right-click the USB drive partition and click Mark Partition as Active.

Step 2 - Copy Windows Setup to the USB flash drive.

Use File Explorer to copy and paste the entire contents of the Windows product DVD to the USB flash drive

Step 3 - Install Windows to the new PC.

Connect the USB flash drive to a new PC.

Turn on the PC and press the key that opens the boot-device selection menu for the computer, such as the Esc key.

Select the option that boots the PC from the USB flash drive.

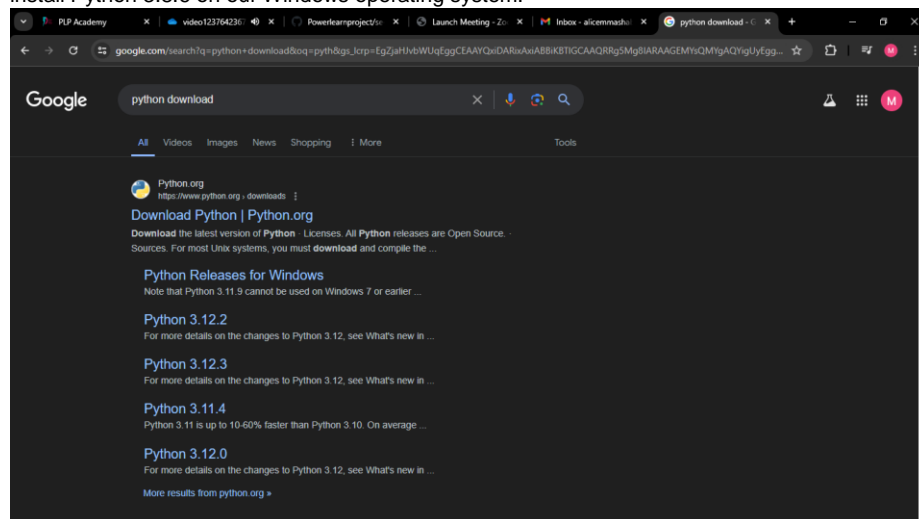
Windows Setup starts. Follow the instructions to install Windows.

Remove the USB flash drive.

### 2. Installing Python

Installation on Windows

Visit the link <https://www.python.org/downloads/to> to download the latest release of Python. In this process, we will install Python 3.8.6 on our Windows operating system.



Step - 1: Select the Python's version to download.

Step - 2: Click on the Install Now

Double-click the executable file, which is downloaded;

Select Customize installation and proceed.

Click on the Add Path check box, it will set the Python path automatically

We can also click on the customize installation to choose desired location and features. Other important thing is install launcher for the all user must be checked.

Step - 3 Installation in Process

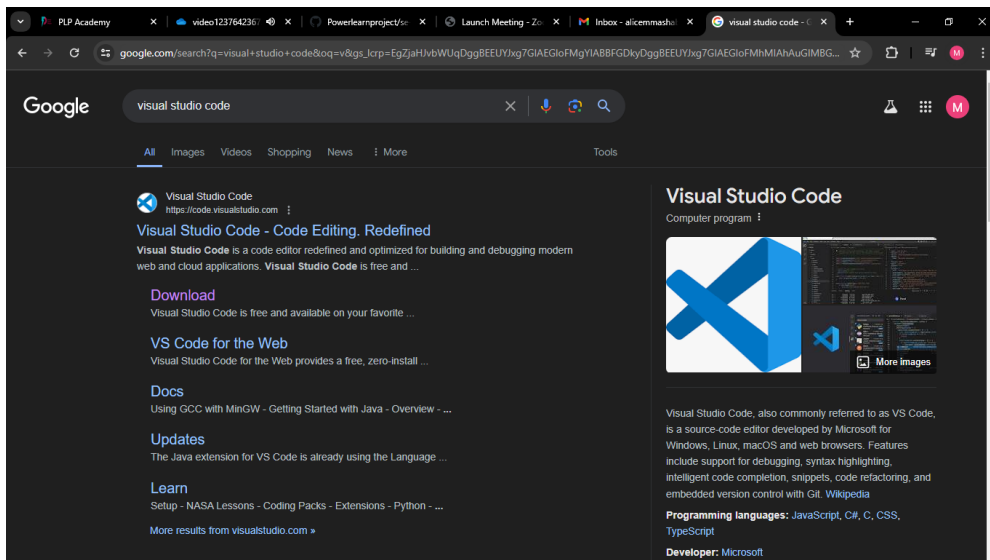
Now, try to run python on the command prompt. Type the command `python -version` in case of python3

### 3. Setting up Visual Studio involves a few steps.

Here's a concise step-by-step guide:

Download Visual Studio:

Visit the Visual Studio website and click on "Download Visual Studio."



Follow the on-screen instructions to download the installer.

Run the Installer:

Run the downloaded installer.

Choose the "Visual Studio" workload during installation, which includes the necessary components for general development.

Select Workloads and Components:

In the Visual Studio Installer, select the workloads and components you need based on your development requirements. Common workloads include ".NET Desktop Development" or "Web Development."

Modify Installation (Optional)

Install

Click the "Install" button to start the installation process.

This may take some time, as it involves downloading and installing the selected components.

Launch Visual Studio:

Once the installation is complete, launch Visual Studio.

Sign in with your Microsoft account

Choose Development Environment:

On the welcome screen, select your development environment. For example, you can choose "Development Settings" based on your preferred coding style.

Start Coding:

You're now ready to start coding! Create a new project or open an existing one to begin your development work.

