

# Python Installation Instructions

## Step 1: Install Anaconda

Installing on Windows: <https://docs.anaconda.com/anaconda/install/windows/>

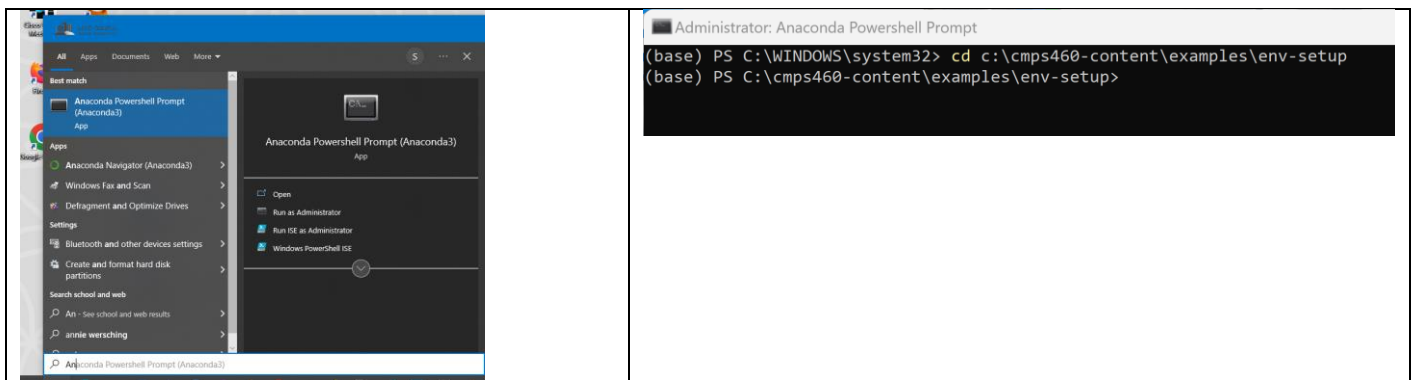
Installing on macOS: <https://docs.anaconda.com/anaconda/install/mac-os/>

Installing on Linux: <https://docs.anaconda.com/anaconda/install/linux/>

## Step 2: Run **Anaconda PowerShell Prompt** and navigate to the course directory. For Linux and Mac users, skip this step as the regular terminal is the Anaconda terminal.

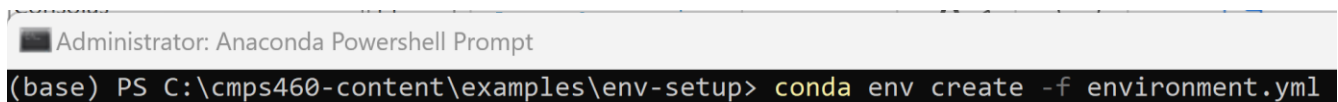
Change to the directory where you placed the course examples, e.g.,

`c:\cmps460-content\examples\env-setup`



## Step 3: Once you are in the `env-setup` directory, run this command to setup cmps460 environment:

`conda env create -f environment.yml`



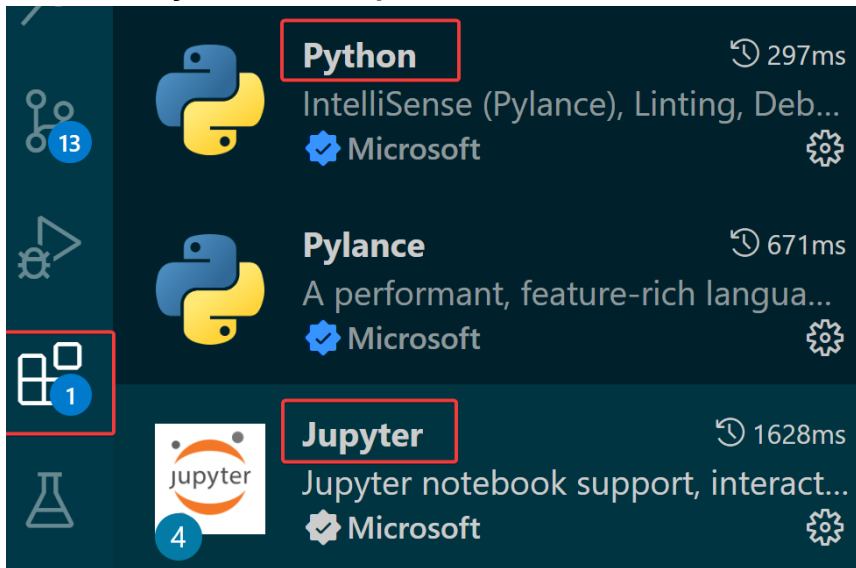
## Step 4: Activate the installed cmps460 environment, run this command:

`conda activate cmps460`

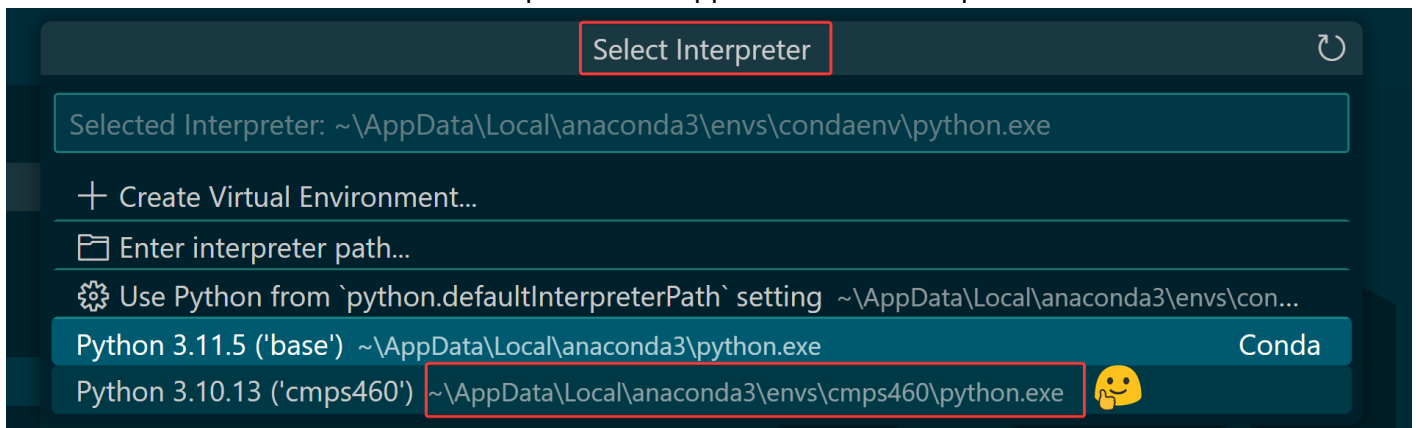


## Step 5: Install and configure VS Code

1. Download and install VS Code <https://code.visualstudio.com/>
2. Install the **Python** and **Jupyter** extensions in VS Code.



3. Select cmeps460 Anaconda environment in VS Code :
  - Open the Command Palette (**Ctrl+Shift+P**), type Python: **Select Interpreter**, and hit Enter. A list of available interpreters will appear. Select the cmeps460 environment.



**Step 5 Alternative: Use Jupyter Notebook on the browser using this command then start writing/running ML code:**

**jupyter lab**

