Hi CT people!!

The following classroom sessions will be reserved for programming:

- week 1 (last hour). Python Workshop (chapter 2 of JSC)
- week 2 (whole session). Complete Python Workshop + Algorithms (chapter 3)

JSC (reference text):

- Official site of textbook: http://ix.cs.uoregon.edu/~conery/eic/python/index.html
- PDF: ftp://ftp.cs.uoregon.edu/pub/conery/freeman/EiC.Mar.27.pdf
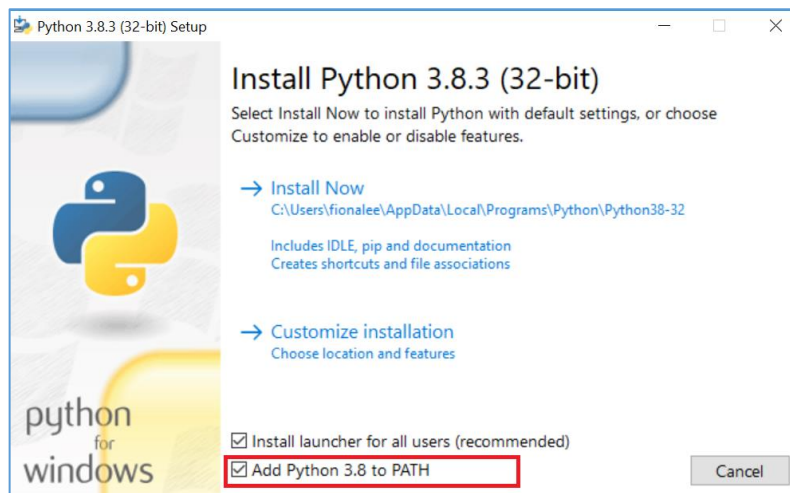

(1) How to Prepare for the classroom lessons:

Before lesson 1, you should skim through Chapters 2 & 3 of JSC to get an idea of what we will be doing. The author has made the textbook available at his university's FTP site: right-click on this link ftp://ftp.cs.uoregon.edu/pub/conery/freeman/EiC.Mar.27.pdf and save the PDF file to your laptop.

(2) To do: Install Python 3 before lesson 1:

Please set up **Python 3** on your laptop BEFORE week 1's lesson:

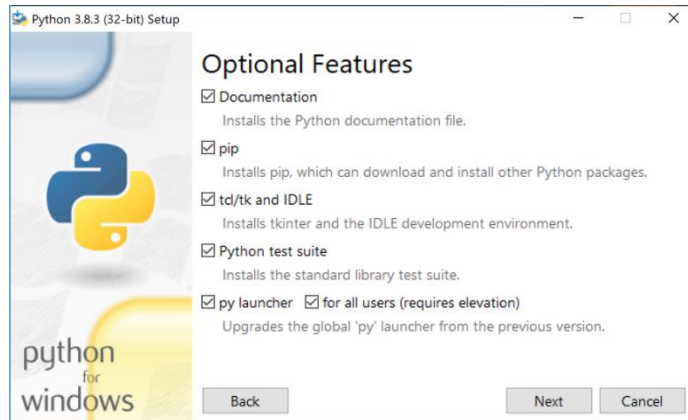**Windows (with no prior Python installation):**

(i)   Go to www.python.org/downloads. Click on "Download Python 3.8.x" (the latest available version) and run the installer.
         Check the "Add Python 3.8 to PATH" box in this step, and click on "Install Now".
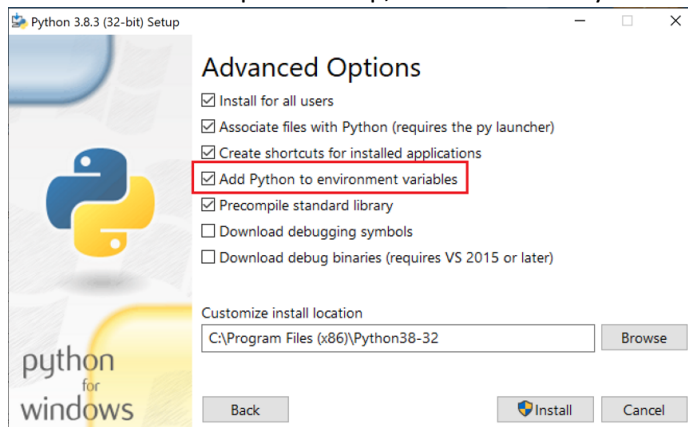
Windows (with an earlier version of Python already installed):

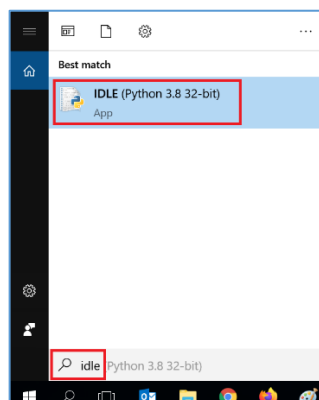(i)   Go to www.python.org/downloads. Click on "Download Python 3.8.x" and run the installer.

If you already have an older version of Python installed, you may be given the option to "Upgrade to Python 3.8.x". If that's the case, click on "Customize installation". In the "Optional Features" step, check all boxes. Then click Next

In the "Advanced Options" step, do check "Add Python to environment variables":

After a successful installation, click on the Windows START button and type "IDLE". You should be able to find (and start) it:
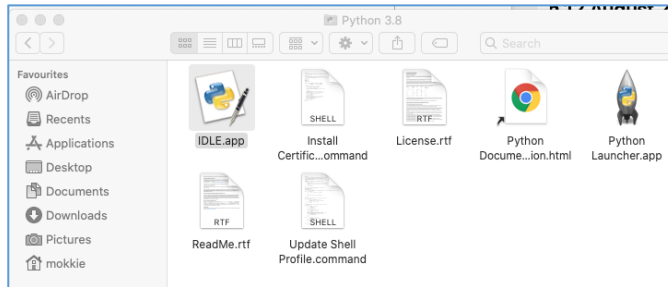
(Alternatively, if you are unable to find "IDLE" via the START button, you will have to locate IDLE on your laptop manually. The default installation location of Python is **C:\Program Files (x86)\Python38-32**. You should be able to find "**idle.bat**" at **\Lib\idlelib** at where you installed Python.

Installation on MacOS:

Installation on the MacOS is relatively straightforward. Just go to http://www.python.org/downloads and get the latest version of Python. Accept all the default settings during installation. You may be prompted for your Mac's root password during installation.

To start IDLE on MacOS, using Finder, go to Applications → Python 3.8 → IDLE.

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(3) To do - Optional: Install PythonLabs

PythonLabs is a Python "module" written by JSC to be used with his textbook. In order to follow some of the "tutorial projects" in chapters 2 and 3 of the textbook, you need to install PythonLabs. Please follow the installation instructions for PythonLabs at: http://ix.cs.uoregon.edu/~conery/eic/python/installation.html (See the 3rd heading "Install PythonLabs").

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(4) Getting Help:

Do contact your respective section's TA or instructor (Fiona or Mok) if you need help with your installation.

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