Installing Python on a Mac

Step 1. Go to Python.org website.

Using your web browser, go to Python.org. When on that page, click on Downloads.

Step 2. Navigate to All releases page.

On this page, the computer you are using has been recognized as a Mac, and there is a download button for the latest release of Python for the Mac OS X operating system. However, for compatibility with the code examples of the book, you want to download Python 3.7, so click on the "All releases" selection (circled below).

Step 3. Select Python 3.7 Installer.

When presented with the list of Python Releases for Mac OS X, select the installer for Python 3.7.9.

Step 4. Confirmation message.

When you double click on that file, the install Python dialog will open. Note the message at the end of this that tells you to install certificates at the end of the install:

Step 5. Software License Agreement.

After you click on continue in the previous window, more important information is presented, including information related to the history of Python and the software license agreement.

Step 6. Install Python.

After you click on the software license agreement, you can install Python on your computer.

Step 7. Python installation successful.

After you have installed Python on your computer, you will receive a message that the installation was successful, with a reminder to install certificates by double-clicking on the Install Certificates icon on the Finder window.

Step 8. You want to click on the Install Certificates command at this point:

Step 9. When you click on Install Certificates command, the following screen will result, verifying that the certificates were successfully installed:

```
Last login: Sun Oct 18 10:44:42 on console
/Applications/Python\ 3.7/Install\ Certificates.command ; exit;
lmb-1910:~ localdmluser$ /Applications/Python\ 3.7/Install\ Certificates.command ; exit;
 -- pip install --upgrade certifi
Collecting certifi
  Downloading certifi-2020.6.20-py2.py3-none-any.whl (156 kB)
     |████████████████████████████████| 156 kB 364 kB/s
Installing collected packages: certifi
Successfully installed certifi-2020.6.20
WARNING: You are using pip version 20.1.1; however, version 20.2.4 is available.
You should consider upgrading via the '/Library/Frameworks/Python.framework/Versions/3.7/bin/python3.7 -m pip install --upgrade pip' command.
 -- removing any existing file or link
 -- creating symlink to certifi certificate bundle
 -- setting permissions
 -- update complete
logout
Saving session...
...copying shared history...
...saving history...truncating history files...
...completed.
Deleting expired sessions...6 completed.

[Process completed]
```

You are now ready to use Python 3.7 on your Mac.