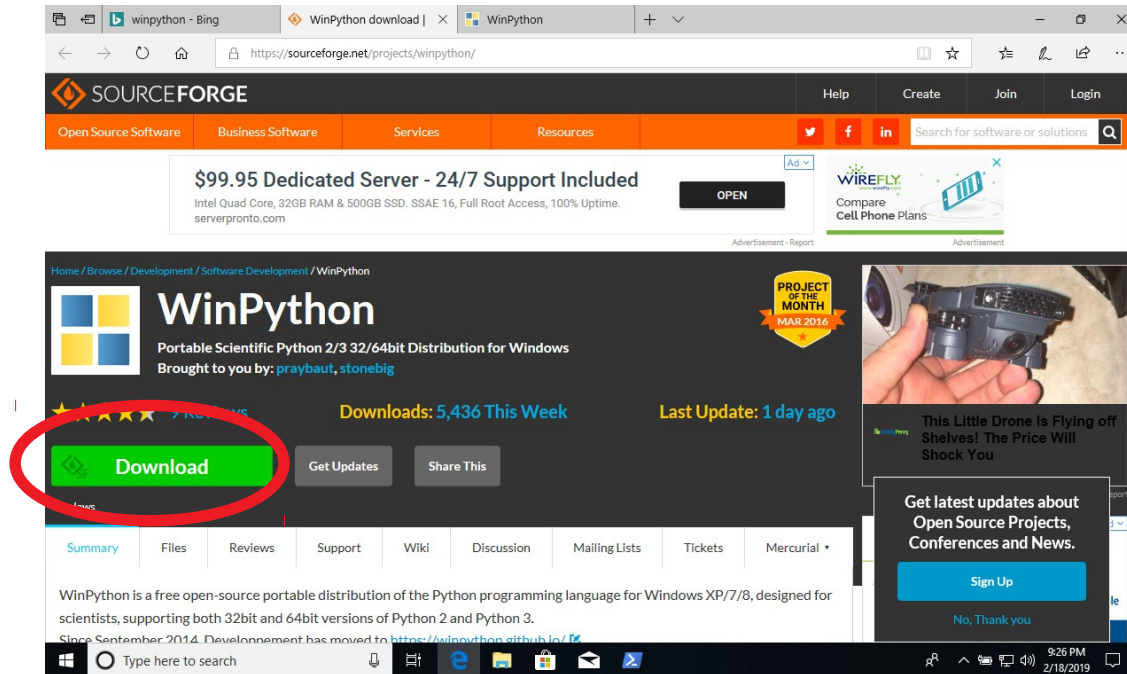


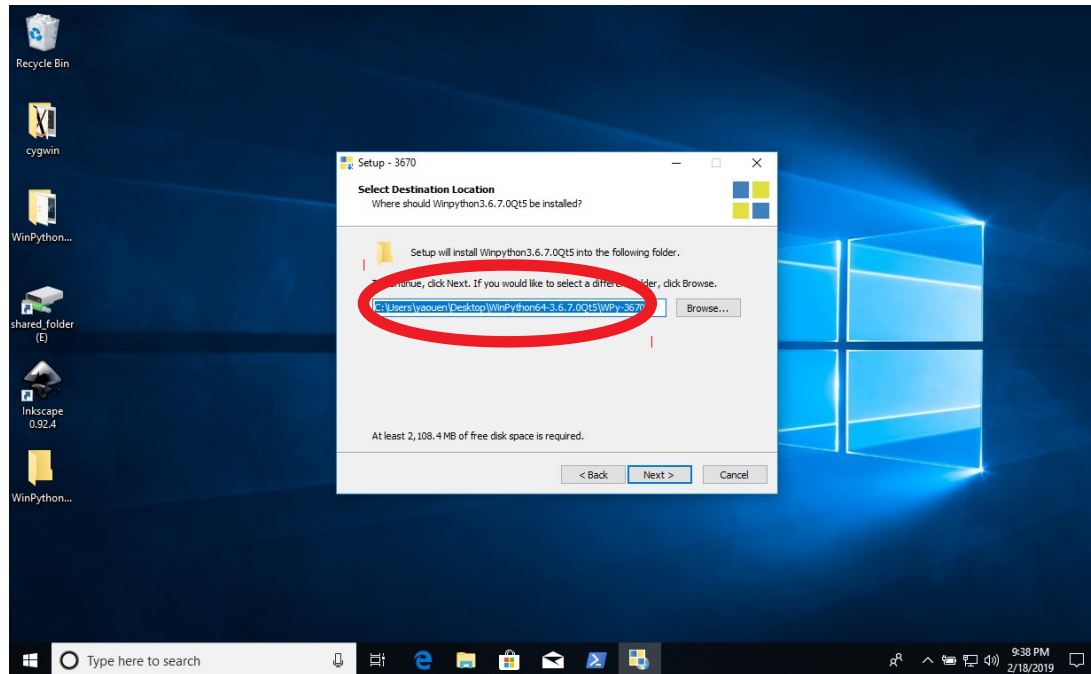
Installing WinPython

- Go to <https://sourceforge.net/projects/winpython/>. Click the green “Download” button. Save the file on your computer. Execute it. An installation wizard opens.



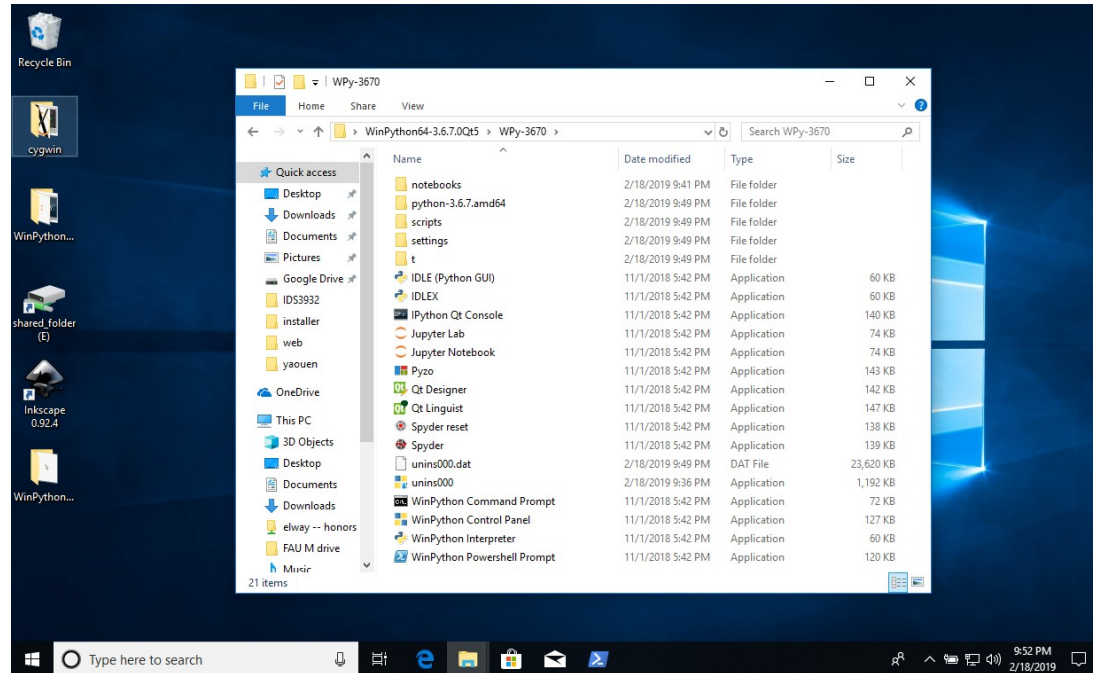
Installing WinPython

- Accept the license agreement. Pick an installation folder (thereafter referred to as the ***winpython folder***). You can change it later if needed. Click “Next”, then “Install”. You’re done.



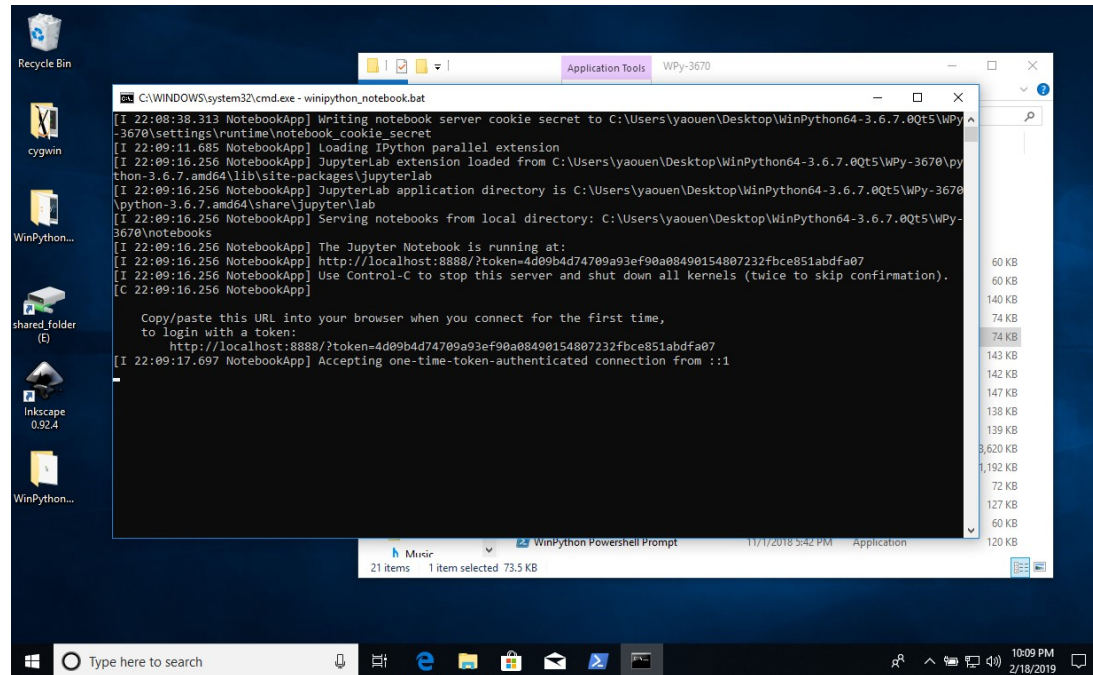
Running Jupyter

- Open the winpython folder. Execute “Jupyter Notebook”.



Running Jupyter

- A terminal opens. If nothing happens after a while you may need to press return. The first time you may be asked to pick a browser for jupyter to run in. Any will do.



The screenshot shows a Windows desktop with a WinPython terminal window open. The terminal window title is "C:\WINDOWS\system32\cmd.exe - winpython_notebook.bat". The output shows the JupyterLab application starting up, including writing the notebook server cookie secret, loading the IPython parallel extension, and serving notebooks from the local directory. The URL to access the JupyterLab interface is displayed: <http://localhost:8888/?token=4d09b4d74709a93ef90a08490154807232fbce851abdfa07>. The terminal also shows a message to copy/paste this URL into a browser and a message indicating that the Jupyter Notebook is running at the specified URL. The desktop background is dark blue, and the taskbar at the bottom shows the Start button, search bar, and several application icons including Music, WinPython Powershell Prompt, and File Explorer. The system tray shows the date and time as 10:09 PM on 2/18/2019.

```
C:\WINDOWS\system32\cmd.exe - winpython_notebook.bat
[I 22:08:38.313 NotebookApp] Writing notebook server cookie secret to C:\Users\yaouen\Desktop\WinPython64-3.6.7.0Qt5\WPY-3670\settings\runtime\notebook_cookie_secret
[I 22:09:11.685 NotebookApp] Loading IPython parallel extension
[I 22:09:16.256 NotebookApp] JupyterLab extension loaded from C:\Users\yaouen\Desktop\WinPython64-3.6.7.0Qt5\WPY-3670\python-3.6.7.amd64\lib\site-packages\jupyterlab
[I 22:09:16.256 NotebookApp] JupyterLab application directory is C:\Users\yaouen\Desktop\WinPython64-3.6.7.0Qt5\WPY-3670\python-3.6.7.amd64\share\jupyter\lab
[I 22:09:16.256 NotebookApp] Serving notebooks from local directory: C:\Users\yaouen\Desktop\WinPython64-3.6.7.0Qt5\WPY-3670\notebooks
[I 22:09:16.256 NotebookApp] The Jupyter Notebook is running at:
[I 22:09:16.256 NotebookApp] http://localhost:8888/?token=4d09b4d74709a93ef90a08490154807232fbce851abdfa07
[I 22:09:16.256 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 22:09:16.256 NotebookApp]

Copy/paste this URL into your browser when you connect for the first time,
to login with a token:
http://localhost:8888/?token=4d09b4d74709a93ef90a08490154807232fbce851abdfa07
[I 22:09:17.697 NotebookApp] Accepting one-time-token-authenticated connection from ::1
```

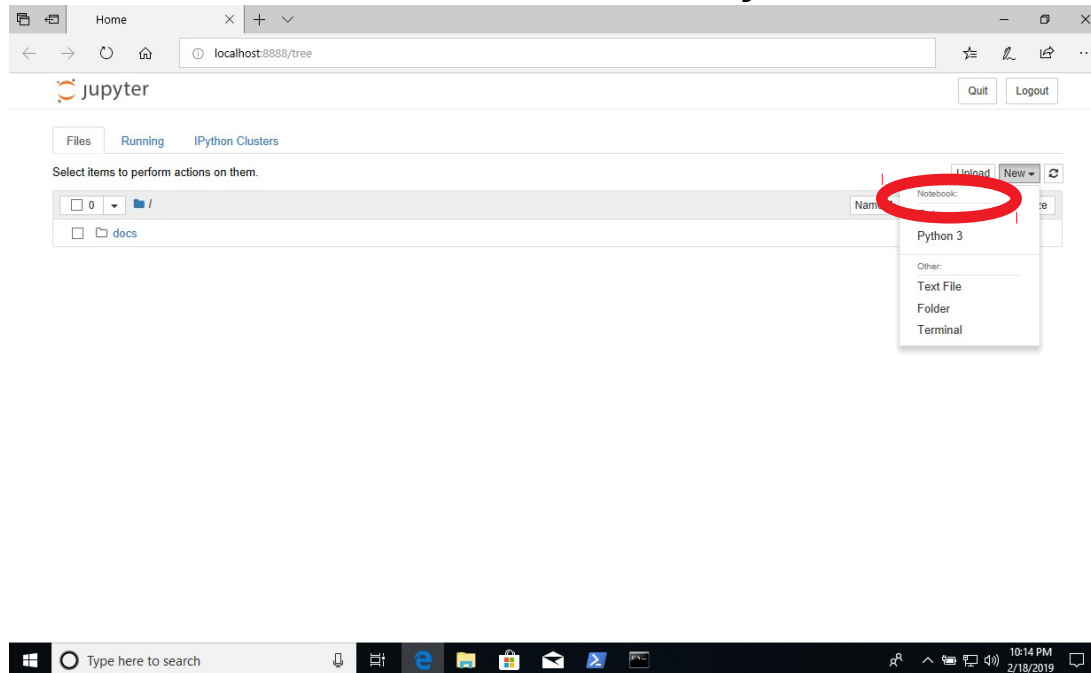
Running Jupyter

- This is jupyter. The first screen is a sort of file browser. It shows the contents of the folder “notebooks” located in the winpython folder.



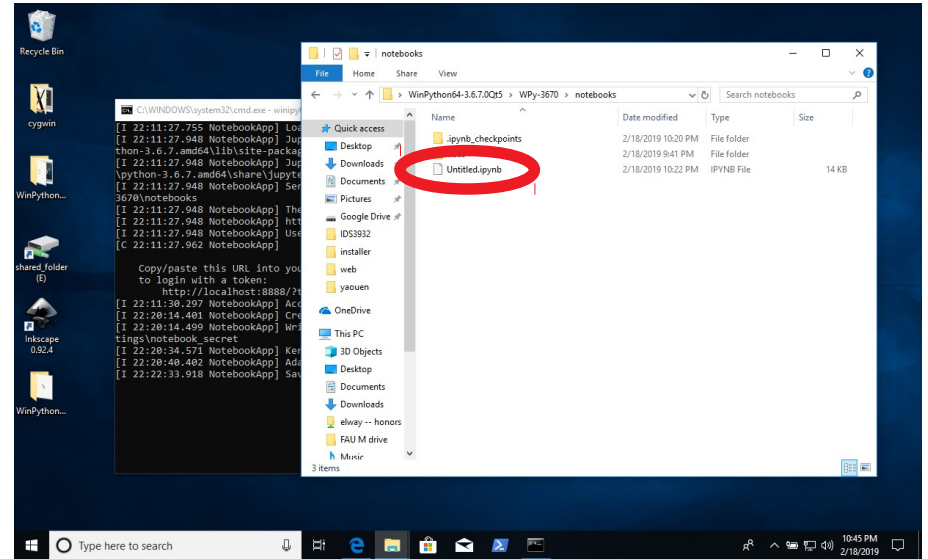
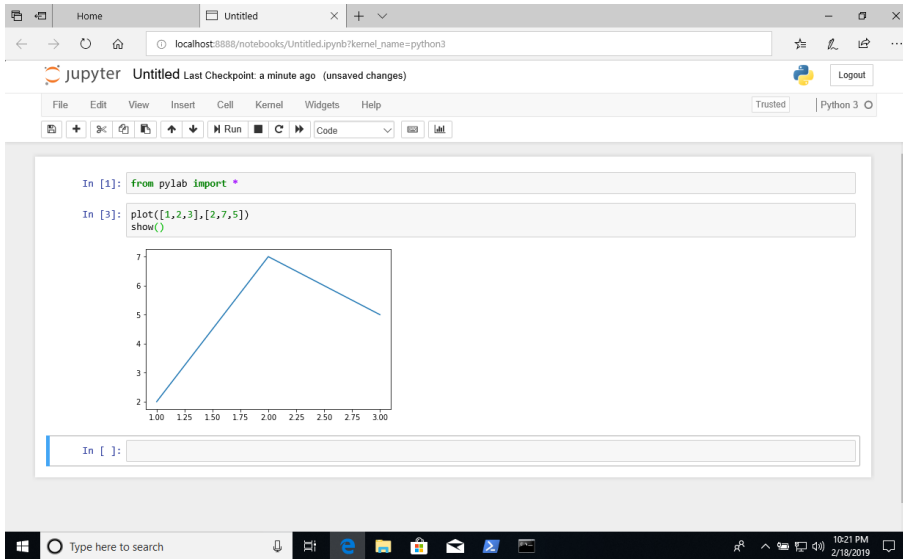
Running Jupyter

- If you have a pre-existing notebook file (.ipynb file) in the “notebooks” folder, it should show up here. A single click on it will open it.
- To start a new notebook, click “New” then “Python 3”.



Running Jupyter

- Here is a jupyter notebook with a minimal example of a plot. It saves itself automatically as “Untitled.ipynb” in the “notebooks” folder.
- For assignments, “Untitled.ipynb” is the file you need to upload to canvas.



Running Jupyter

- You should probably rename it first. You can rename the notebook and the associated ipynb file at once like so:

