This handout will get you started with Jupyter notebooks, which we will be referencing throughout the course. There are two ways to use Jupyter notebooks.

1. Online, through your browser. You do not need to install any software.

2. Offline, still through your browser. You will need to install Python 3.3 or higher and Jupyter Notebook.

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**Step 1.** Go to [jupyter.org](http://jupyter.org) and get at least one of the two ways of using Jupyter notebooks up and running. We encourage you to install Python and Jupyter Notebook, since much of the stuff we’ll be doing with them involve examining the runtime of algorithms. This may be better/more interesting if the algorithms are actually running on your computer, rather than in Jupyter’s cloud.

1. To use Jupyter notebooks in the browser, go to [jupyter.org](http://jupyter.org) and click “Try it in your browser.” This is all you need to do.

2. To install Jupyter notebooks on your computer, follow the instructions at [http://jupyter.org/install.html](http://jupyter.org/install.html).

**Notes:**

– You should install Python 3.3 or higher.

– Depending on how you install(ed) Python, you may need to install matplotlib separately if you do not have it already.

If you are having difficulty, please talk to a CA during office hours or ask on Piazza.

**Step 2.** Download the relevant `.ipynb` files from the course website and open it as a Jupyter Notebook.

**Step 3.** Play around with the code in the notebook!