

## This lecture:

- Continue demo: computing square roots
- More about Python, IPython, notebook
- More about git, Unix

## Reading:

- class notes: Python sections
- class notes: Python in bibliography
- IPython notebook documentation

# Grading

## Lecture Quizzes:

- 5 points each, due before next lecture
- Drop lowest 2

## Homeworks:

- 50 points each
- Sometimes additional work for 583 students
- Up to 24 hours late: lose 10%
- Extenuating circumstances: contact us before due date.

**Project:** 100 points.

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# Installing new software on VM

Some useful additions...

```
$ sudo apt-get install gitk
$ sudo apt-get install xxdiff
$ sudo apt-get install python-sympy

$ sudo apt-get install python-setuptools
$ sudo easy_install nose
```

See [class notes: VM](#) and [\\$UWHPSC/notes/install.sh](#).

# Installing new software on VM

Upgrade IPython for better notebook:

```
$ cd
$ git clone https://github.com/ipython/ipython.git
$ cd ipython
$ sudo python setup.py install
```

Then start the notebook via::

```
$ ipython notebook --pylab inline
```

See [class notes: Ipython notebook](#)