

## This lecture:

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

# Installing new software on VM

Some useful additions...

```
$ sudo apt-get install xxdiff
```

```
(venv) $ pip install sympy
```

```
(venv) $ pip install pytest
```

Demo

## Python and git (30 minutes)

- Fork the `hpsc_2023` repository into your own Github account
- Create `mycubrt()` (be careful with negative `x` values here). This file must sit in *code/python folder*
- Create unit tests and run the tests using `nose`. Make sure all the tests pass.
- Add and commit this work
- Push this work to your Github repository