OS Python week 6: More raster processing

Assignment 6a

Use a 3x3 high-pass filter to detect edges in band 1 of smallaster.img.

- Use pixel notation (this is why you're using smallaster.img – it would take forever to run on aster.img).
- The output type will be float.
- Don't build pyramids so you can easily compare your output with output.img.

Turn in your code and a screenshot of your output being displayed.

Assignment 6b

Use a 3x3 high-pass filter to detect edges in band 1 of aster.img.

- Use slice notation. It will take a minute or two to run, so you should probably test on smallaster.img and then run in on aster.img after everything seems to be working.
- The output type will be float.
- Don't build pyramids so you can easily compare your output with output.img.

Turn in your code and a screenshot of your output being displayed.