

PHY517 / AST443: Observational Techniques

Fall 2017

Tutorial 1: uhura, bash, awk and sed, LaTeX

1. Log into uhura.
2. Edit your `.bashrc` file as described under the “bash” tab on the class wiki page. (Remember to source your `.bashrc` file afterwards.)
3. Confirm that your set-up works by launching `ds9`.
4. Write a `bash` script that prints “Hello, world!”. The command to print to standard out is “`echo`”.
5. Go through the examples on the “awk and sed” tab on the wiki page. Use `awk` and `sed` to print out the objects that are observable from Stony Brook, and change their name to “Obj” instead of “Object”.
6. Download the `example.tex` file linked from the “LaTeX” tab, along with the references file and example image.
7. Compile the example LaTeX file.
8. (Not on uhura:) Sign up for a github account if you don’t have one. Start “watching” the class github repo.