

Astronomy 350: Unix Lab II

- Review the first Unix lab. Make sure you are familiar with logging in/out, logging in to my Unix machines, cd, pwd, rm, mkdir, ls, more, cp, man, gunzip, gzip and in particular vi.
- Also find out about the unix commands grep and awk, though dont spend too much time on this.
- In your home directory there is a file called test.f. ls it and more it. What do you think it does?
- Type `g77 test.f`. Then type `./a.out` and describe the result.
- Use vi or whichever editor you like to change the program so that it prints out the result of $2+2+2$.
- This is real computing: editing a program yourself, running it and looking at the results.
- Decide if you want reduce data or work on FORTRAN programs to analyze data.
- If you want to work on reducing data, work through the IR data reduction procedures.
- If you want to work on manipulating FORTRAN programs, then write a FORTRAN program to read in and write out the data set given to you.