Astronomy 350: Unix Lab II:continued

- Logon to 129.3.17.53 using ssh -X -l < *username* > 129.3.17.53
- Look at the program test.f using more or vi.
- Compile it using g77 test.f.
- The type ./a.out and see the result.
- Make sure you see the program test.f.
- 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.