Putting It All Together

a practical

Review: What have we learned?

A. Shell
B. Version Control
C. Python
D. Testing
E. Debugging
F. Make and automation

Your assignment:

Work with a partner to:
1.
   a. Write a program which takes as its input the name of a file of student's names and grades and calculates the mean of all of the grades (sound familiar?).
   b. redirect the output mean to a file called: student_gradesN.dat.avg (where N is 1-5)
2. Write tests for your code (unit or other)
3. Put your code under version control
4. Create a makefile for your code that:
   a. runs the tests
   b. runs the code on student_grades1.dat