

## Lab on Exploratory Testing in Pairs

### Exploratory Testing in Pairs

We'll do this as a lab, in one of the common computer labs. I'll set up two alternate sessions that you could come to. Neither will be during regular class time.

To prepare for this exercise, please read the slides on Exploratory Testing in Pairs. I will cover them only briefly in class. It is important to read the slides before you come to the lab.

The lab focuses on exploratory testing of Calc's statistical functions. You can use Whittaker's attacks or any other approach to test design, as long as you work in an exploratory manner (design tests as you go, taking advantage of what you learn as you test.)

During the lab period, you will:

- Spend 5 minutes with your partner developing a charter for your testing. The charter should focus on statistical functions in Calc, but can approach them from any angle.
- Hunt for bugs

After the lab period, you will:

- Write up any bugs you consider worth submitting
- Write a lab report describing what you did and what you learned from it. You would describe your charter, the tests you ran, how you interacted with your partner, your results, what you learned about Calc and what you learned about testing and paired testing.

We'll take up your results in one class period, with each pair making a brief presentation of their charter, their process, and their results.

Grading will reflect the written report and the in-class presentation.