**Operating Systems**

**Lab – simple shell**

We have been discussing shell programs, beginning with the simplest shell whose code is in moodle. Let’s call this shell **smsh**, for simple shell.

For this lab, extend simple\_shell.c with the features we have been discussing in the previous classes. At the end of lab, your shell should minimally:

* Present the prompt, “smsh% “
* It should correctly handle the user entering any number of command-line arguments, up to a maximum of 100.

In this lab, you may work with your lab partner(s) to solve the tasks, but I ask that each person type in their own code individually, so that everyone gets accustomed to the compiling and testing cycle in preparation for doing homework.

This lab is due and *must be submitted* at 14:00 today. A homework assignment will be posted at that time, where you will get the opportunity to finish anything you did not finish in class.