

Lab 1

When you do exercises in the textbook, be aware that the numbering is rather different from the way most textbooks are numbered. In particular, problem numbers don't have anything to do with what section they are in, only the chapter.

1. Read the syllabus if you haven't already.
2. Do AS&S exercises 1.3 – 1.5. Wherever a procedure definition is called for, use the lambda notation as I do in class¹.
3. Write several sentences explaining the answers to 1.4 and 1.5.
4. Implement the square-root example (using lambda notation) from section 1.1.7 of your text.
5. Predict the answers for AS&S 1.1, and check your answers with the interpreter. Also convert 1.2 and check your answer in the interpreter.

Submit your code file and a script of several well-chosen test cases via MyCourses (due Thursday midnight) and on paper (to your TA's mailbox Friday by 1 p.m.) to receive full credit.

When you use MyCourses, remember that you can “upload” files multiple times, but you only click “submit” once.

When your lab is complete, think about how you would implement exercise 1.7.

¹Why do you think I insist on the more awkward notation at the beginning of the course?