Study Guide for Test 3

You are responsible for these topics:

• Mutable vs Immutable Data

• dictionaries: access, check if key in the dictionary, .keys(), .values(), .items()

• memory representation of data: as references to memory holding values, shallow and deep copy. Be able to draw box-and-arrows diagrams.

• imperative control structure: for- and while-loops

• trace a loop (table of iterations)

• Exceptions

• Object-oriented programming: class, object, constructor, methods, inheritance, getters and setters

Study suggestions:

• Chapter 5 and Chapter 6 until section 6.6.

• Review the lab and homework exercises - you should be able to re-do them more easily now.

• The slides are another good resource, although I've left a few slides in that we didn't cover. That might be a good resource to study together with other students, so you can remind each other which parts can be ignored.