EECS3311 Fall 2017
Guide to Lab Test 3 (Wednesday November 29)

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1 Rules

- You must show up for your registered session only.
- Bring a piece of photo ID.
- No mobile phone usage is allowed during the test.
- No data sheet will be allowed.
- The slide on Eiffel Syntax will be available to you.

2 Coverage

- Lecture Notes (refer to lecture recordings if necessary) on Abstractions via Mathematical Models
- Review lecture notes on Complete Contracts if needed.
- A common source of compilation failures is to do with *void safety* (e.g., uninitialized attributes). Review lectures on void safety if needed.
- Sample Codes on the relevant topics
- Lab 5 (speak to me in person if you need to check your solution)

3 Format

- There will be **no** written parts for this test.
- Your marks will be determined entirely by the number of tests that your compiled code/design passes. No partial marks will be given to code that does not compile.
- Coding (both implementation and contracts) in EStudio
  - Familiarize yourself with: arrays, link-lists, and `across`, and classes in `mathmodels` library (particularly commands and queries of `SET`, `REL`, and `FUN`).
  - Like in Lab 5, except for the postcondition for the `model` abstraction function, where you are supposed to specify the relationship between the private attributes (e.g., `keys`, `values`) and `Result`, any references to private attributes in contracts of other features will result in an immediate zero for the test.