Contents

The exam will test your ability to apply the control structures of Java as well as your understanding of the concepts behind them. Your depth of understanding of each subject will benefit from practice with provided code, lecture note review, homeworks and reading of the text.

The exam will cover everything we have seen so far in the course, including:

- primitive types
- expressions and statements
- boolean logic (short circuit evaluation)
- coercion and casting
- operator precedence
- if & switch
- for & while loops (sentinel values, break, continue)
- chars & unicode
- random numbers (probabilistic methods like dice game or 'sometimes y')
- methods (definition, passing semantics, variable scope, overloading)
- arrays (declaring, looping, offsets, selection sort, passings to methods)

Format

The exam will have the following question types

Question Types

- Programming Questions (You write code by hand)
- Code Reading (Read some code and determine its function)
- Short Answer (You answer conceptual questions using English and maybe some code)
- True/False

A cheat sheet will be allowed on this exam. You can bring 1 page (8.5 by 11, two-sided) of notes.