# CS101

## Algorithms and Programming I

## Quiz Project (10%)

## Sunday May 9, 23:59

This project is an open-ended project where you will design and implement a small Java application. The goal of the project is to apply the concepts covered in CS101 and use your creativity to build a small, useful application.

**Your project must include the following requirements:**

- Application should have *minimum* 2 classes (including the main class) and *maximum* 3 classes.
- Use a variety of functionality covered in CS101 (ex: Strings, if/else statements, loops, static methods, classes and objects, arrays and ArrayLists, etc.).
- Use at least one array/ArrayList.
- Code should be formatted according to the CS101 style guidelines.
- Code should be well-documented, and all classes and methods should have Javadoc comments.

**Projects will be graded according to the following:**

- Originality and creativity (should be different than examples from class/lab).
- Meaningful and appropriate use of functionality from CS101.
- Range of Java functionality used.
- Code format and documentation.
- Clarity and descriptiveness of the written document.

**What to submit:**

1. Written document with a short description of the project purpose and use (PDF).
2. Javadoc documentation generated from Javadoc comments.
3. Java source code files.