

Readings #1

Due: 9/06/18

The first reading assignments are intended to get you up to speed with Swift. Without these basics we won't be able to get to the fun stuff! I suggest your first read [this overall summary](#), but feel free to dive right in. In general I suggest reading each section in it's entirety. For each chapter I list certain topics under each chapter that are especially important, make sure to go over those extra carefully and come to class prepared with questions. Quizzes will focus on topics that are marked as especially important.

[The Basics](#)

- * Constants and variables
- * Integers
- * Floating-Point Numbers
- ** Type Safety and Type Inference
- * Booleans
- ** Optionals

[Basic Operators](#)

- * Range Operators
- * Logical Operators

[Strings and Characters](#)

- * Strings Are Value Types
- * String Interpolation
- * Counting Characters
- * Accessing and Modifying a String

[Collection Types](#)

- ** Mutability of Collections
- ** Arrays
- ** Dictionaries

Control Flow

- ** For-In Loops
- ** Conditional Statements
- * Control Transfer Statements

Functions

- ** Defining and Calling Functions
- ** Function Parameters and Return Values
- * Function Argument Labels and Parameter Names
- ** Function Types