CS1301 Exam 1 Topics
Spring 2020
Note: You are responsible for all the chapter listed below
This list merely emphasizes the most important topics to focus on
Turtles will not be on the exam, but some sections of chapter 3 are included

Chapter 1
· Types of errors
· High level vs. low level programming
· comment statements
· print statements
· algorithm

Chapter 2
· Data types
· expressions
· variables
· assignment
· keywords
· legal variable names
· operators
· type conversion
· order of operations
· string operations
· input statement
· % - the modulus operator

Chapter 3
· import statement
· for loop introduction

Chapter 4
· functions
· parameters
· arguments
· return

Chapter 5
· Boolean values
· logical operators
· if..elif…else
· nested if statements

Chapter 6
- None
- debugging with print
- nested function calls

Chapter 7
- for loop
- while loop
- increment and decrement
- traversal
- nested for loops
- local variables
- break statement
- range

Chapter 8
- compound data type
- indexing parts of a string (slicing)
- len
- traversing through a string
- string comparison
- strings are immutable
- in and not in
- formatted strings in print statements

Chapter 11
- list creation
- accessing items in a list (indexing)
- in, not in
- simple list operations
- list slicing
- lists are mutable
- Lists are objects