

[/]: # (This file is the document that organizing the curriculum navigation) # Summary \* [Introduction] (README.md.html) \* [Curriculum Map](curriculum\_map.md.html) \* [Additional Topics for Certification] (cert.md.html) \* [Unit 1: Introduction to Python](units/1\_unit/unit\_1.md.html) \* [Lesson 1.01: Set Up] (units/1\_unit/01\_lesson/lesson.md.html) \* [IDE Sign Up: Student Version] (units/1\_unit/01\_lesson/python\_replit\_sign\_up.md.html) \* [IDE Sign Up: Teacher's Version] (units/1\_unit/01\_lesson/python\_replit\_sign\_up\_teacher.md.html) \* [Lesson 1.02: Interactive Mode] (units/1\_unit/02\_lesson/lesson.md.html) \* [Lab 1.02](units/1\_unit/02\_lesson/lab.md.html) \* [Lesson 1.03: Script Mode and Variables](units/1\_unit/03\_lesson/lesson.md.html) \* [Do Now 1.03] (units/1\_unit/03\_lesson/do\_now.md.html) \* [Lab 1.03](units/1\_unit/03\_lesson/lab.md.html) \* [Lesson 1.04: Variables and User Input](units/1\_unit/04\_lesson/lesson.md.html) \* [Do Now 1.04] (units/1\_unit/04\_lesson/do\_now.md.html) \* [Lab 1.04](units/1\_unit/04\_lesson/lab.md.html) \* [Lesson 1.05: Quiz & Debugging](units/1\_unit/05\_lesson/lesson.md.html) \* [Lesson 1.06: Project] (units/1\_unit/06\_lesson/lesson.md.html) \* [Project 1: Mad Libs](units/1\_unit/06\_lesson/project.md.html) \* [Alternate Project 1: Magic Square](units/1\_unit/06\_lesson/alternate\_project.md.html) \* [Unit 2: Conditionals] (units/2\_unit/unit2\_md.md.html) \* [Lesson 2.01: Data Types & Casting](units/2\_unit/01\_lesson/lesson.md.html) \* [Do Now 2.01](units/2\_unit/01\_lesson/do\_now.md.html) \* [Lab 2.01](units/2\_unit/01\_lesson/lab.md.html) \* [Lesson 2.02: Booleans & Expressions](units/2\_unit/02\_lesson/lesson.md.html) \* [Do Now 2.02] (units/2\_unit/02\_lesson/do\_now.md.html) \* [Lab 2.02](units/2\_unit/02\_lesson/lab.md.html) \* [Lesson 2.03: Conditionals](units/2\_unit/03\_lesson/lesson.md.html) \* [Do Now 2.03] (units/2\_unit/03\_lesson/do\_now.md.html) \* [Lab 2.03](units/2\_unit/03\_lesson/lab.md.html) \* [Lesson 2.04: Lists](units/2\_unit/04\_lesson/lesson.md.html) \* [Do Now 2.04](units/2\_unit/04\_lesson/do\_now.md.html) \* [Lab 2.04](units/2\_unit/04\_lesson/lab.md.html) \* [Lesson 2.05: Lists 2](units/2\_unit/05\_lesson/lesson.md.html) \* [Do Now 2.05](units/2\_unit/05\_lesson/do\_now.md.html) \* [Lab 2.05](units/2\_unit/05\_lesson/lab.md.html) \* [Lesson 2.06: Game Loop](units/2\_unit/06\_lesson/lesson.md.html) \* [Do Now 2.06] (units/2\_unit/06\_lesson/do\_now.md.html) \* [Lab 2.06](units/2\_unit/06\_lesson/lab.md.html) \* [Lesson 2.07: Project](units/2\_unit/07\_lesson/lesson.md.html) \* [Project 2: Text Monster] (units/2\_unit/07\_lesson/project.md.html) \* [Alternate Project 2: Todo List] (units/2\_unit/07\_lesson/alternate\_project.md.html) \* [Unit 3: Functions](units/3\_unit/unit\_3.md.html) \* [Lesson 3.01: Built In Functions](units/3\_unit/01\_lesson/lesson.md.html) \* [Do Now 3.01] (units/3\_unit/01\_lesson/do\_now.md.html) \* [Lab 3.01](units/3\_unit/01\_lesson/lab.md.html) \* [Lesson 3.02: User-Defined Functions](units/3\_unit/02\_lesson/lesson.md.html) \* [Do Now 3.02] (units/3\_unit/02\_lesson/do\_now.md.html) \* [Lab 3.02](units/3\_unit/02\_lesson/lab.md.html) \* [Lesson 3.03: Return vs Print](units/3\_unit/03\_lesson/lesson.md.html) \* [Do Now 3.03] (units/3\_unit/03\_lesson/do\_now.md.html) \* [Lab 3.03](units/3\_unit/03\_lesson/lab.md.html) \* [Lesson 3.04: Debugging and Scope](units/3\_unit/04\_lesson/lesson.md.html) \* [Do Now 3.04] (units/3\_unit/04\_lesson/do\_now.md.html) \* [Lab 3.04](units/3\_unit/04\_lesson/lab.md.html) \* [Lesson 3.05: Project](units/3\_unit/05\_lesson/lesson.md.html) \* [Project 3: Oregon Trail] (units/3\_unit/05\_lesson/project.md.html) \* [Alternate Project 3: Daily Planner] (units/3\_unit/05\_lesson/alternate\_project.md.html) \* [Unit 4: Loops and Lists](units/4\_unit/unit4.md.html) \* [Lesson 4.01: Looping Basics](units/4\_unit/01\_lesson/lesson.md.html) \* [Do Now 4.01] (units/4\_unit/01\_lesson/do\_now.md.html) \* [Lab 4.01](units/4\_unit/01\_lesson/lab.md.html) \* [Lesson 4.02: For Loops](units/4\_unit/02\_lesson/lesson.md.html) \* [Do Now 4.02](units/4\_unit/02\_lesson/do\_now.md.html) \* [Lab 4.02](units/4\_unit/02\_lesson/lab.md.html) \* [Lesson 4.03: Nested For Loops] (units/4\_unit/03\_lesson/lesson.md.html) \* [Do Now 4.03](units/4\_unit/03\_lesson/do\_now.md.html) \* [Lab 4.03] (units/4\_unit/03\_lesson/lab.md.html) \* [Lesson 4.04: Nested Lists & Looping] (units/4\_unit/04\_lesson/lesson.md.html) \* [Do Now 4.04](units/4\_unit/04\_lesson/do\_now.md.html) \* [Lab 4.04] (units/4\_unit/04\_lesson/lab.md.html) \* [Lesson 4.05: Debugging and Quiz] (units/4\_unit/05\_lesson/lesson.md.html) \* [Lab 4.05](units/4\_unit/05\_lesson/lab.md.html) \* [Lesson 4.06: Project](units/4\_unit/06\_lesson/lesson.md.html) \* [Project 4: Tic-Tac-Toe] (units/4\_unit/06\_lesson/project.md.html) \* [Alternate Project 4: 2 Player Tic-Tac-Toe] (units/4\_unit/06\_lesson/alternate\_project.md.html) \* [Unit 5: Music Programming](units/5\_unit/unit5.md.html) \* [Lesson 5.01: Earsketch Intro](units/5\_unit/01\_lesson/lesson.md.html) \* [Do Now 5.01] (units/5\_unit/01\_lesson/do\_now.md.html) \* [Lab 5.01](units/5\_unit/01\_lesson/lab.md.html) \* [Lesson 5.02: EarSketch Music](units/5\_unit/02\_lesson/lesson.md.html) \* [Do Now 5.02]

(units/5\_unit/02\_lesson/do\_now.md.html) \* [Lab 5.02](units/5\_unit/02\_lesson/lab.md.html) \* [Lesson 5.03: EarSketch Control Flow](units/5\_unit/03\_lesson/lesson.md.html) \* [Do Now 5.03]  
 (units/5\_unit/03\_lesson/do\_now.md.html) \* [Lab 5.03](units/5\_unit/03\_lesson/lab.md.html) \* [Lesson 5.04: EarSketch User-Defined Functions](units/5\_unit/04\_lesson/lesson.md.html) \* [Do Now 5.04]  
 (units/5\_unit/04\_lesson/do\_now.md.html) \* [Lab 5.04](units/5\_unit/04\_lesson/lab.md.html) \* [Lesson 5.05: EarSketch Project](units/5\_unit/05\_lesson/lesson.md.html) \* [Do Now 5.05]  
 (units/5\_unit/05\_lesson/do\_now.md.html) \* [Project 5: EarSketch Song](units/5\_unit/05\_lesson/project.md.html) \* [Unit 6: Dictionaries](units/6\_unit/unit6.md.html) \* [Lesson 6.01: Introduction to Dictionaries]  
 (units/6\_unit/01\_lesson/lesson.md.html) \* [Do Now 6.01](units/6\_unit/01\_lesson/do\_now.md.html) \* [Lab 6.01] (units/6\_unit/01\_lesson/lab.md.html) \* [Lesson 6.02: Dictionaries Methods]  
 (units/6\_unit/02\_lesson/lesson.md.html) \* [Do Now 6.02](units/6\_unit/02\_lesson/do\_now.md.html) \* [Lab 6.02] (units/6\_unit/02\_lesson/lab.md.html) \* [Lesson 6.03: Dictionaries of Lists]  
 (units/6\_unit/03\_lesson/lesson.md.html) \* [Do Now 6.03](units/6\_unit/03\_lesson/do\_now.md.html) \* [Lab 6.03] (units/6\_unit/03\_lesson/lab.md.html) \* [Lesson 6.04: Dictionaries Looping]  
 (units/6\_unit/04\_lesson/lesson.md.html) \* [Do Now 6.04](units/6\_unit/04\_lesson/do\_now.md.html) \* [Lab 6.04] (units/6\_unit/04\_lesson/lab.md.html) \* [Lesson 6.05: Project](units/6\_unit/05\_lesson/lesson.md.html) \* [Do Now 6.05](units/6\_unit/05\_lesson/do\_now.md.html) \* [Project 6b: Buy an Umbrella]  
 (units/6\_unit/05\_lesson/projectb.md.html) \* [Project 6: Guess Who](units/6\_unit/05\_lesson/project.md.html) \* [Unit 7: Introduction to Object Oriented Programing](units/7\_unit/unit7.md.html) \* [Lesson 7.01: User-Defined Types (Classes)](units/7\_unit/01\_lesson/lesson.md.html) \* [Do Now 7.01]  
 (units/7\_unit/01\_lesson/do\_now.md.html) \* [Example](units/7\_unit/01\_lesson/example.md.html) \* [Lab 7.01] (units/7\_unit/01\_lesson/lab.md.html) \* [Lesson 7.02: User-Defined Types, Part 2]  
 (units/7\_unit/02\_lesson/lesson.md.html) \* [Do Now 7.02](units/7\_unit/02\_lesson/do\_now.md.html) \* [Lab 7.02] (units/7\_unit/02\_lesson/lab.md.html) \* [Lesson 7.03: Methods](units/7\_unit/03\_lesson/lesson.md.html) \* [Do Now 7.03](units/7\_unit/03\_lesson/do\_now.md.html) \* [Lab 7.03](units/7\_unit/03\_lesson/lab.md.html) \* [Lesson 7.04: Inheritance](units/7\_unit/04\_lesson/lesson.md.html) \* [Do Now 7.04]  
 (units/7\_unit/04\_lesson/do\_now.md.html) \* [Lab 7.04](units/7\_unit/04\_lesson/lab.md.html) \* [Lesson 7.05: Project](units/7\_unit/05\_lesson/lesson.md.html) \* [Project 7: Pokemon](units/7\_unit/05\_lesson/project.md.html) \* [Alternate Project 7: Mailing List](units/7\_unit/05\_lesson/alternate\_project.md.html) \* [Unit 8: Final Project] (units/8\_unit/unit8.md.html) \* [Project 8: Final Project](units/8\_unit/project.md.html) \* [Lesson 8.01: Final Project Brainstorming and Evaluating](units/8\_unit/01\_lesson/lesson.md.html) \* [Do Now 8.01]  
 (units/8\_unit/01\_lesson/do\_now.md.html) \* [Lesson 8.02: Defining Requirements] (units/8\_unit/02\_lesson/lesson.md.html) \* [Do Now 8.02](units/8\_unit/02\_lesson/do\_now.md.html) \* [Lesson 8.03: Building a Plan](units/8\_unit/03\_lesson/lesson.md.html) \* [Do Now 8.03]  
 (units/8\_unit/03\_lesson/do\_now.md.html) \* [Lesson 8.04: Project Implementation] (units/8\_unit/04\_lesson/lesson.md.html) \* [Do Now 8.04](units/8\_unit/04\_lesson/do\_now.md.html) \* [Supplemental Lessons](units/supplemental/.md.html) \* [Lesson 01: Binary Day] (units/supplemental/01\_lesson/lesson.md.html) \* [Do Now 01](units/supplemental/01\_lesson/do\_now.md.html) \* [Associated Readings](readings.md.html) \* [Change Log](changelog.md.html)