











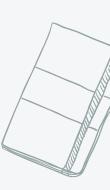


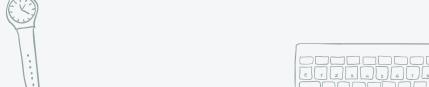


GETTING STARTED WITH PYTHON

- ✓ Python 2 and Python 3
 - ✓ Installing Python
- ✓ IDE's and Text Editors
 - ✓ Jupyter Notebook
 - ✓ Git and Github
- ✓ Running Your First Program









BASIC DATA STRUCTURES IN PYTHON



- ✓ Integers
- ✓ Characters and Strings
 - ✓ Booleans
 - ✓ Lists
 - ✓ Dictionaries
 - ✓ Tuples













- ✓ Arithmetic Operators
- ✓ Comparison Operators
 - ✓ Logical Operators
 - ✓ Bit-Wise Operators
- ✓ Membership Operators
 - ✓ Identity Operators

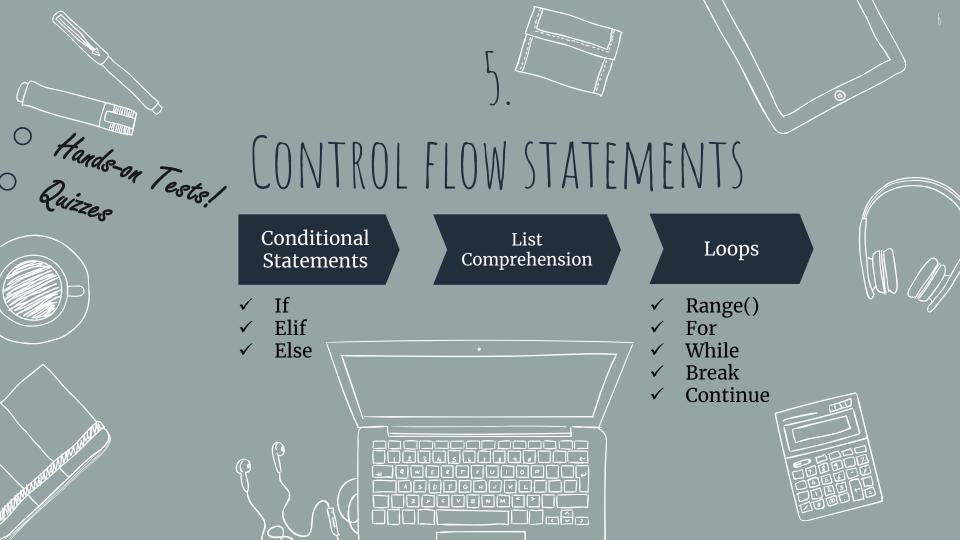


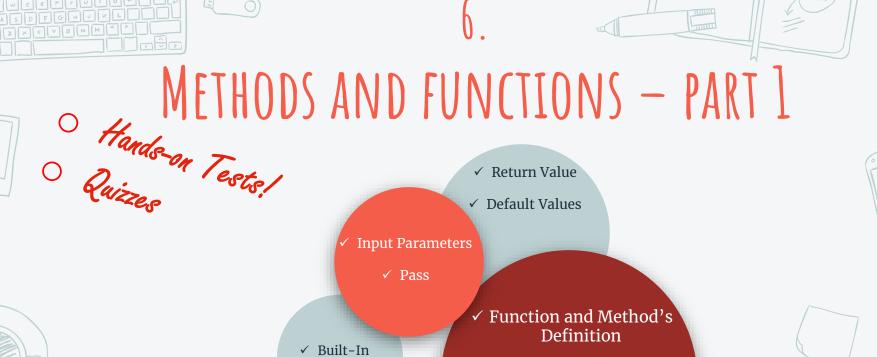












✓ Why Use Functions?

✓ Scopes

✓ Lambda Expressions

Functions

✓ Clean

Code



MILESTONE PROJECT 1

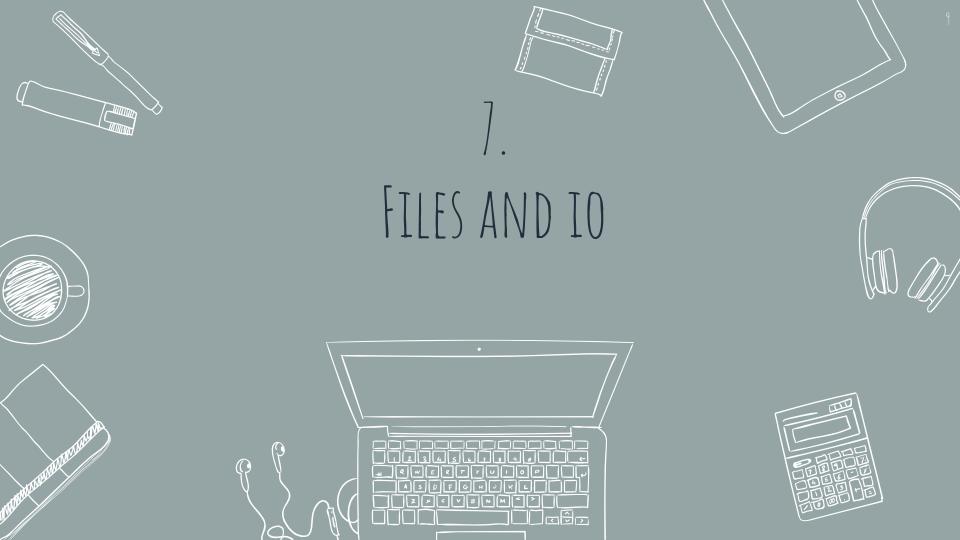
- Top-Down Design
 - Clean Code Notes













ERRORS AND EXCEPTION HANDLING

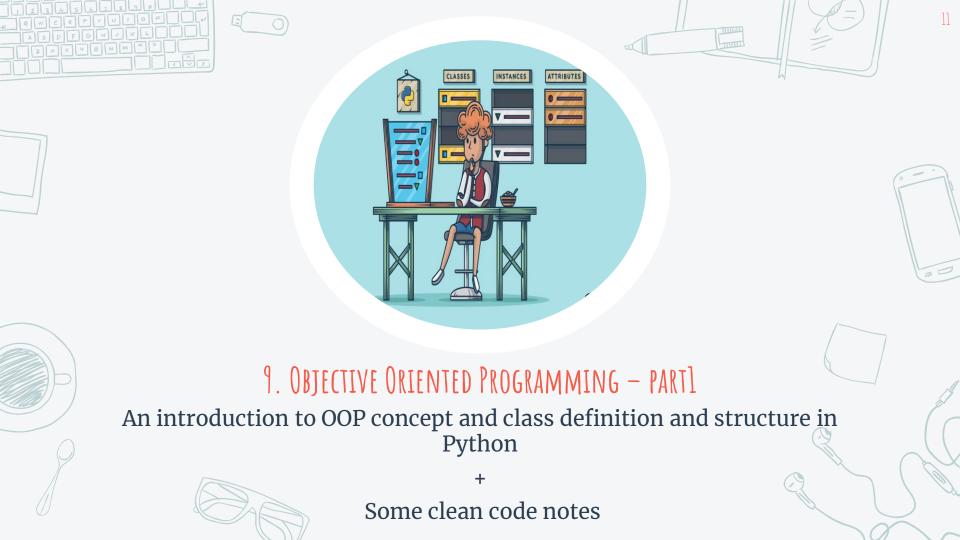
- ✓ Different Kinds of Errors
 - ✓ Handling Errors
- ✓ Try Except Else Finally







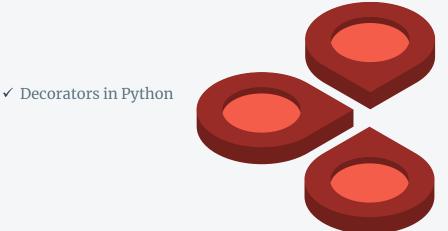








METHODS AND FUNCTIONS - PART 2



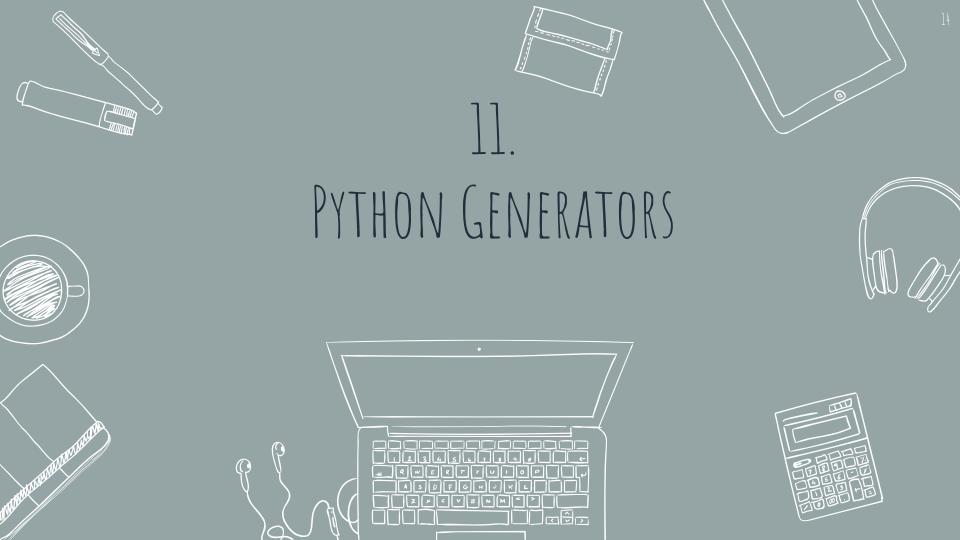
- ✓ Infinite Parameters
- ✓ *args ✓ **kwargs













12.

MODULES AND PACKAGES IN PYTHON

- ✓ How to Install Packages
 - ✓ Using Modules
- ✓ Creating Modules and Packages

Introducing Some Useful Modules









