















## 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













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









Hands-on Tests!





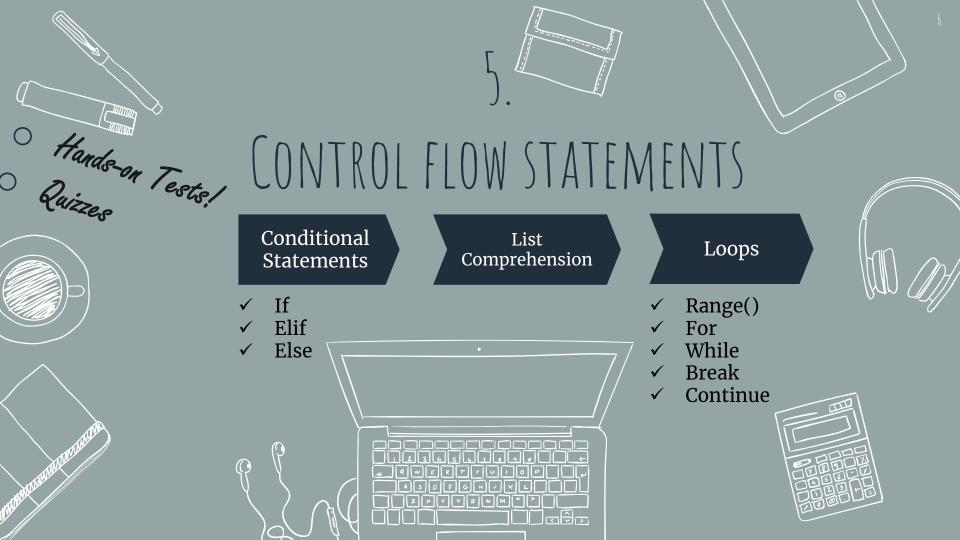
- ✓ Arithmetic Operators
- ✓ Comparison Operators
  - ✓ Logical Operators
  - ✓ Bit-Wise Operators
- ✓ Membership Operators
  - ✓ Identity Operators











#### METHODS AND FUNCTIONS - PART 1 Hands-on Tests! ✓ Return Value ✓ Default Values

✓ Function and Method's Definition

✓ Why Use Functions?

✓ Scopes

✓ Lambda Expressions

**Input Parameters** 

✓ Pass

✓ Clean

Code

✓ Built-In **Functions** 





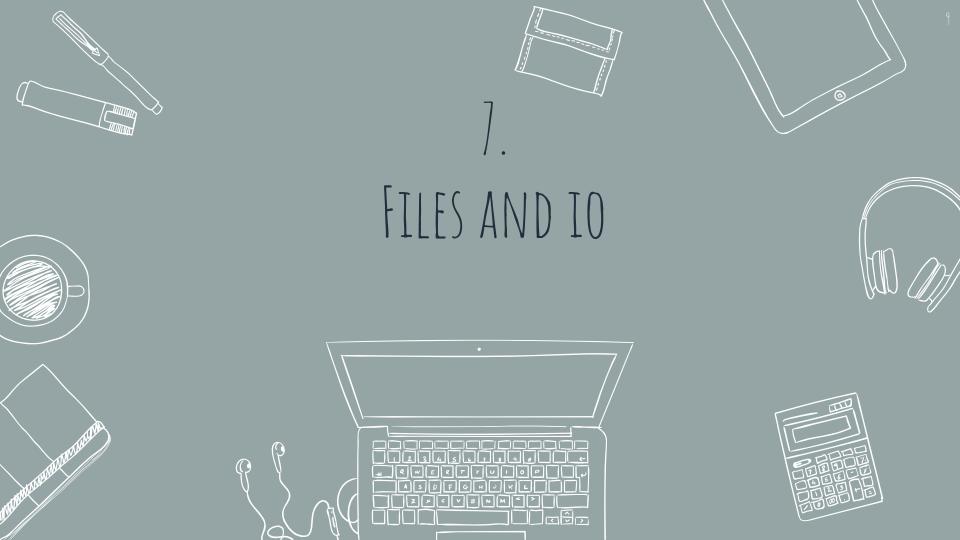
- Top-Down Design
  - Clean Code Notes













## ERRORS AND EXCEPTION HANDLING

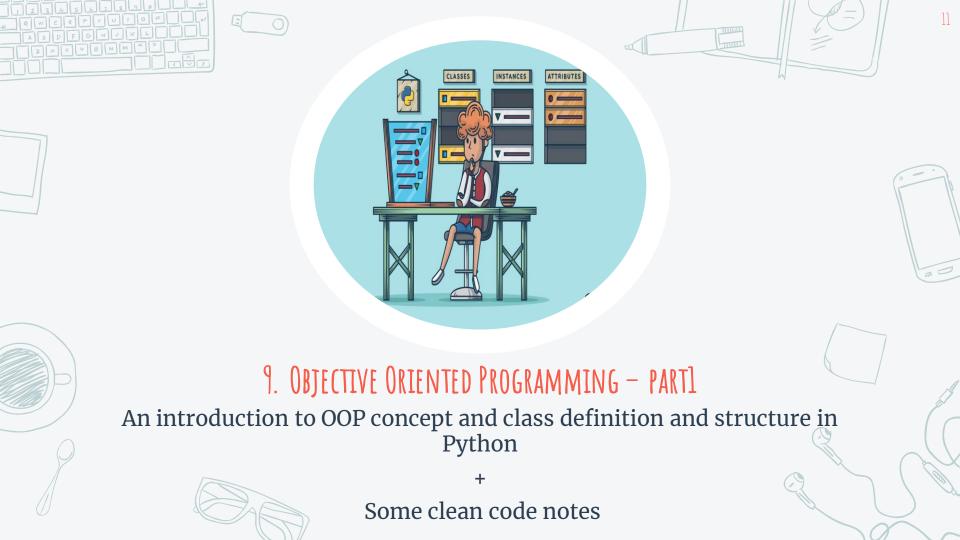
- ✓ Different Kinds of Errors
  - ✓ Handling Errors
- ✓ Try Except Else Finally









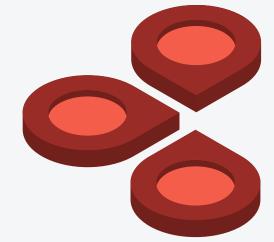






✓ Decorators in Python

# METHODS AND FUNCTIONS - PART 2



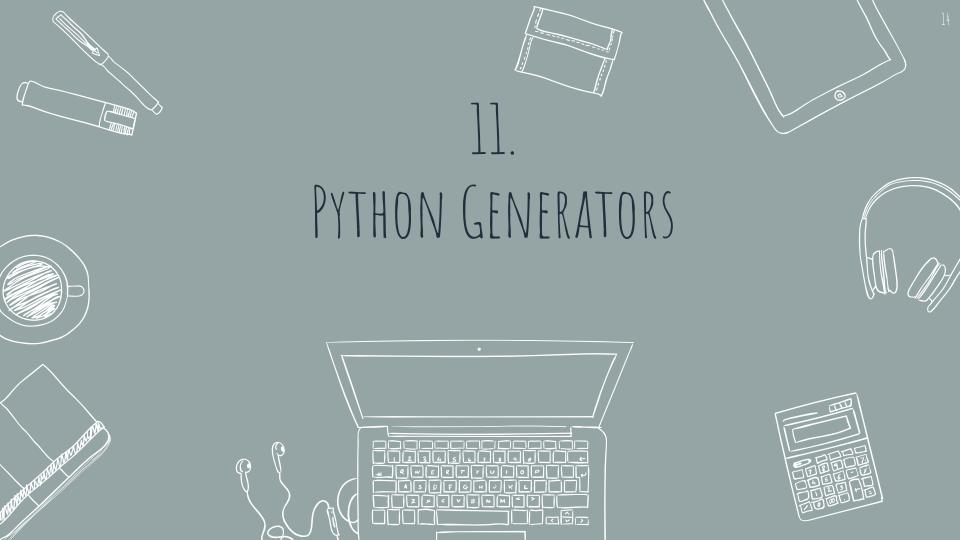
- ✓ Infinite Parameters
- ✓ \*args ✓ \*\*kwargs

✓ Built-In Function – Part 2











#### MODULES AND PACKAGES IN PYTHON

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

Introducing Some Useful Modules









