Python Basic Track

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Introduction

0.1 About this book

0.2 About the authors

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Chapter 1

What it is and what it isn't

1.1 Computers

1.2 Programming

1.3 Software engineering

1.4 This course

Part I

Codecademy course

Chapter 2

Python syntax

2.1 Variables

2.1.1 Datatypes

int, float, bool

2.1.2 Duck typing

`https://en.wikipedia.org/wiki/Duck_typing`

2.2 Whitespace

2.2.1 Keep code together

2.3 Comments

2.4 Arithmetic operations

2.5 Apply these concepts

2.5.1 Tip calculator

Chapter 3

Strings & Console Output

Chapter 4

Conditionals and Control Flow

Chapter 5

Functions

Chapter 6

Lists & Dictionaries

6.1 List

6.1.1 Slicing

6.1.2 Searching (and other useful functions)

6.2 For

6.2.1 (Experienced Programmers) For vs Foreach

6.3 Dictionaries

6.4 Apply these concepts

6.4.1 A day at the supermarket

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