Python Michael König March 17, 2019

Introduction

Contents

1	Con	nmon Terms	1
2	Basi 2.1 2.2 2.3 2.4 2.5	Inline If/Else Chaining Conditions Strings And Comments Modulo Operator 2.5.1 Format Method	2 2 2 2 2 2 2 2 2 2 2 2 2
3	Imp	ports	3
4 5	4.1 4.2 4.3	Args And KWargs	4 4 4 5
		List Slicing	5
6	Gen	nerators	6
7	7.1 7.2 7.3 7.4	Set Comprehensions	7 7 7 7
8	Con 8.1 8.2 8.3	Map	8 8 8

1 Common Terms

- 2 Basic Syntax
- $2.1 \quad If/Else \ \& \ For \ In$
- 2.2 Inline If/Else
- 2.3 Chaining Conditions
- 2.4 Strings And Comments
- 2.5 Modulo Operator
- 2.5.1 Format Method
- 2.5.2 F-Strings
- 2.6 Exception Handling

3 Imports

4 Functions

- 4.1 Args And KWargs
- 4.2 Lambdas
- 4.3 Tuple Unpacking

- 5 Lists, Sets & Dictionaries
- 5.1 List Slicing
- 5.2 Useful Functions For Iterating

6 Generators

7 Comprehensions

- 7.1 List Comprehensions
- 7.2 Set Comprehensions
- 7.3 Dictionary Comprehensions
- 7.4 Generator Comprehensions

8 Common Built-In Functions

- 8.1 Map
- 8.2 Filter
- 8.3 Reduce