**Lab 0: Introductory Python**

Introductory Python

Download “Think Python: How to Think like a Computer Scientist” from <https://greenteapress.com/thinkpython/thinkpython.html>

A. **Basics of Python**

1. Read preface and chapter 1 of Think Python

2. Practice sections from 2.1 to 2.8

3. Implement exercise 2.2, 2.3

4. Practice sections from 2.1 to 3.15

5. Implement exercise 3.1 to 3.5

6. Practice sections from 7.1 to 7.7

7. Implement exercise 7.1 to 7.5

**B. Practice on various Data Structures**

Lists, Dictionaries, and Tuples.

1. Practice sections from 10.1 to 10.8

Implement exercise 9.1, 10.1, 10.4, 10.6, 10.8, 10.9

2. Practice sections from 11.1 to 11.4

Implement exercise 11.1, 11.2, 11.3, 11.10

3. Practice sections 12.1 to 12.3, 12.5, and 12.6

*Implement 12.1, 12.2, to 12.4*