Dr.Erdem KAYA ekaya@metu.edu.tr

Homework 01B METU CENG310 Spring 2021 Data Structures and Algorithms with Python

Start Date: March 16th, 2021 Due Date: March 20th, 2021

1 Reading

- Task-1: Read Chapter-2 from the textbook.
- Task-2: Read reference pages for collections and array modules.
- Task-3: Overview reference pages for copy, heapq, math, os, random, re, sys, and time modules.

2 Coding

- Task-4: Write a function that takes a string as parameter and returns the reversed version of the string.
- Task-5: Textbook Exercise R-1.2, R-1.6, R-1.7, R-1.9, R-1.11, C-1.19, C-1.20, and C-1.28
- Task-6: Textbook Exercise P-1.35
- Task-7: What does the code snippet below do?

```
while len(l1) != 0:
l2.insert(len(l2), l1.pop(0))
```

Return your answers in a single text file to ekaya@metu.edu.tr with the subject as "HW01B - Your Name" until due date. Please review "Homework and Assignment Policy" on ODTUClass for late penalties.