University of Nevada, Las Vegas Computer Science 456/656 Spring 2021

Assignment 1: Due Tuesday February 9, 2021

Name:_____

   You are permitted to work in groups, get help from others, read books, and use the internet. You will receive a message from the graduage assistant, Shekhar Singh, telling you how to turn in the assignment.

   In each case, the identical problem is in both fifth and sixth editions of our textbook, *An Introduction to Algorithms*, by Peter Linz.

1. *Problems 11(d), 12, 13 on page 38 of the fifth edition, problems 14(d), 15, 16 on page 29 of the sixth edition.*

2. *Problems 14(a), 14(h) on page 39 of the fifth edition, problems 17(a), 17(h) on page 29 of the sixth edition.*

3. *Problem 4 on page 44 of the fifth edition, problem 6 on page 35 of the sixth edition.*

4. *Problem 2(a) on page 56 of the fifth edition, problem 4(a) on page 48 of the sixth edition.*

5. *Problem 8(b), 9(a), 9(c) on page 56 of the fifth edition, problems 8(b), 11(a), 11(c) on page 49 of the sixth edition.*

6. *Problem 26 on page 58 of the fifth edition., problem 28 on page 51 of the sixth edition.*

7. *Problems 6 and 12 on pages 63, 64 of the fifth edition, problems 3, 13 on page 57 of the sixth edition.*