**CSE 212 – Programming with Data Structures**

**W10 Prove – Response Document**

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| **Name:** | Kaden Payne |
| **Date:** | 6/26/21 |
| **Teacher:** | Brother Tucker |

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**Question 1: Provide the outline for the data structures tutorial you are creating for the final project. Use the Python Fundamentals Tutorial outline provided in the assignment instructions as an example.**

# Final Project

1. Welcome
   1. Introduction
   2. Credit
2. Queues
   1. Enqueuing
   2. Dequeuing
   3. Getting next position
   4. Queue manipulation
   5. Example
   6. Problem
3. Recursion
   1. What is recursion
   2. Difference from loops
   3. Uses for recursion
   4. Example
   5. Problem
4. Maps
   1. What is a map in Python?
   2. Maps & Dictionaries
   3. Use cases
   4. Example
   5. Problem