**CSE 212 – Programming with Data Structures**

**W10 Prove – Response Document**

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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.**

1. WELCOME

* Introduction

Data Structures are containers that organize, group, and hold data or information. Data structures are unique and are suited for different purposes. This tutorial will cover three different data structures.

1. STACK

* Introduction

Stack is a data structure that store items in a Last-In/First-Out manner or LIFO. An item is added in one end and is removed from that end only. In Python,

* Example

# PLACE PARAGRAPH HERE

* Problem to Solve

# PLACE PARAGRAPH HERE

1. LOOPS

* Introduction

# PLACE PARAGRAPH HERE

* Example

# PLACE PARAGRAPH HERE

* Problem to Solve
* # PLACE PARAGRAPH HERE

1. TREE

* Introduction
* Example
* Problem to Solve