Assignment 3

Due on 3/10-3/13, 2021

Unit 5 - Week 3

1. Create a pseudocode that meets the requirements of the assignment.

2. Describe a recursive algorithm that meets the requirements of the assignment.

3. Cite at least five references that have been cited in the assignment.

4. Solve the following problem: Given an array of integers, find the maximum subarray sum.

5. Formulate a hypothesis that can be tested in the assignment.

6. Draw a Venn diagram to illustrate the relationships between different sets.

7. Write a SQL query to retrieve data from a database that meets the requirements of the assignment.

8. Describe the algorithm that can be used to solve the problem of finding the shortest path in a graph.

9. Discuss the implications of using artificial intelligence in the field of education.

10. Create a timeline that illustrates the key events in the development of a software application.

11. Calculate the standard deviation of a given dataset.

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