

APCSP Practice Test Questions and Answers

1. What is the primary purpose of data visualization?

- A) To encrypt sensitive data
- B) To analyze data trends and patterns
- C) To store large datasets efficiently
- D) To clean and preprocess raw data

2. What is the purpose of an algorithm in computer science?

- A) To store and organize data
- B) To provide a step-by-step solution to a problem
- C) To execute a program
- D) To test the efficiency of code

3. Which of the following best describes "decomposition" in computational thinking?

- A) Breaking a problem into smaller, more manageable parts
- B) Writing code to manipulate data
- C) Analyzing the results of a test case
- D) Creating a function to repeat a task

4. Which of the following is an example of pattern recognition in computational thinking?

- A) Identifying a recurring sequence of numbers in data
- B) Using a for loop to repeat a task
- C) Writing a recursive function
- D) Storing a large set of data in an array

Answers: 1-B 2-B 3-A 4-A

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