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**Explanation of Each Part:**

1. **Import Statements**:
   * import java.util.ArrayList; - This line imports the ArrayList class from the java.util package, allowing us to use ArrayLists in our program.
2. **public class StockPriceAnalysis**:
   * The main class StockPriceAnalysis is defined to hold all the methods and the main program logic.
3. **calculateAveragePrice Method**:
   * **Input**: Takes an array of stock prices as input.
   * **Logic**: Iterates through the array, sums all the elements, and divides by the number of elements to calculate the average.
   * **Output**: Returns the average of the stock prices as a double value.
4. **findMaximumPrice Method**:
   * **Input**: Takes an array of stock prices as input.
   * **Logic**: Initializes the maximum price to the first element of the array, iterates through each price, and updates the maximum value if a larger price is found.
   * **Output**: Returns the maximum stock price.
5. **countOccurrences Method**:
   * **Input**: Takes an array of stock prices and a target price.
   * **Logic**: Iterates through the array and counts how many times the target price appears.
   * **Output**: Returns the count of occurrences.
6. **computeCumulativeSum Method**:
   * **Input**: Takes an ArrayList of stock prices.
   * **Logic**: Uses a running cumulative sum to add each price sequentially and stores each cumulative value in a new ArrayList.
   * **Output**: Returns the new ArrayList containing cumulative sums.
7. **main Method**:
   * Initializes a sample array of stock prices for 10 days.
   * Populates an ArrayList using the values in the array.
   * Demonstrates the usage of each method (calculateAveragePrice, findMaximumPrice, countOccurrences, and computeCumulativeSum).

**Example Output for the Above Code:**

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