

- `True`

- **Explanation:** The string has balanced parentheses.

24. Largest Sum Contiguous Subarray (Kadane's Algorithm):

- **Problem:** Find the maximum sum of a contiguous subarray.

- **Input:**

- `Array: [-2, 1, -3, 4, -1, 2, 1, -5, 4]`

- **Output:**

- `6`

- **Explanation:** The subarray `[4, -1, 2, 1]` has the largest sum = 6.

25. Find the Intersection of Two Arrays:

Problem: Find the intersection of two unsorted arrays.

Input:

- `Array 1: [1, 2, 2, 1]`

- `Array 2: [2, 2]`

Output:

- `[2]`

Explanation: The common element between the arrays is `2`.

26. Check for Palindrome:

Problem: Given a string, check if it is a palindrome.

Input:

- `String: "racecar"`

Output: `True`

Explanation: The string reads the same backward as forward.

27. Matrix Rotation by 90 Degrees:

Problem: Rotate a 2D matrix by 90 degrees clockwise.

Input:

- **Explanation:** Intervals $[1,3]$ and $[2,6]$ overlap, so they are merged into $[1,6]$. The others remain unchanged.

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