A close-up of a logo

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**Classroom Assignment: Two Sum**

**Learning Objective:**

Learn to identify and return pairs of indices whose elements sum up to a specific target using nested loops in JavaScript.

**Expected Completion Time:**

Best Case: 15 minutes

Average Case: 20 minutes

**Assignment Details:**

Given the array, const nums = [2, 4, 7, 8, 11, 14];

const target = 18;

return the indices that have matching targets >> 7+11 (2, 4), 4+14 (1, 5)

**Assignment Requirements:**

1. Initialize an empty array `results`.

2. Use a nested loop to iterate over `nums` array elements.

3. Check if the sum of two distinct elements equals `target`.

4. If true, add their indices to `results`.

5. Return `results` containing pairs of indices.

**Hints to Solve:**

Iterate with two loops: one for each element, and another for elements ahead. Inside the second loop, check if two elements sum to the target.

**Expected Outcome:**

Upon completion, you should be able to:

- Understand the nested loops and the arrays in JavaScript