A close-up of a logo

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**Classroom Assignment: Strings in JS**

**Learning Objective:**

Understand how to reverse a string and check for palindromes in JavaScript by manipulating strings and using conditional logic.

**Expected Completion Time:**

Best Case: 15 minutes

Average Case: 20 minutes

**Assignment Details:**

Create a JavaScript function that accepts a string, reverses it, and checks if the reversed string is a palindrome, then test your function with various strings and print the results.

**Assignment Requirements:**

Write a function to reverse the string.

1. Convert the input into characters

2. Loop them in reverse direction

3. Concatenate the string

4. Print the new string

Write a function to check the given string is a palindrome

[If the given string and reverse string are the same, it is a palindrome]

1. Check if the reverse string and original string are the same

2. Return true if same, else the false.

**Hints to Solve:**

1. Split string into characters using `split("")`.

2. Iterate backward through characters to build reversed string.

3. Use strict equality to compare original and reversed strings for palindrome check.

**Expected Outcome:**

Upon completion, you should be able to:

- Understand the string manipulations in JavaScript