

Classroom Assignment: Looping Statements

Learning Objective:

Learn how to use looping statements in JavaScript to repeat actions for a range of numbers.

Expected Completion Time:

- ☐ Best Case: 15 minutes
 - ☐ Average Case: 20 minutes
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Assignment Details:

Write a JavaScript program that displays all the odd numbers between **1 and 25** on the console.

Assignment Requirements:

1. Start by creating a variable that keeps track of the current number.
 2. Use a **for loop** to move from 1 up to 25, one number at a time.
 3. Inside the loop, check if the number is **odd** using the **modulo operator (%)**.
 4. If the number is odd, display it using `console.log()`.
 5. Run the program in debug mode and observe how the loop executes each step.
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Hints to Solve:

Use the condition `if (number % 2 !== 0)` to detect odd numbers.

Use `console.log()` to print each odd number you find.

Expected Outcome:

After completing this program, you should be able to:

- Understand how loops work in JavaScript.
- Identify and print only specific numbers that meet a condition (like odd numbers).
- Feel confident using **for loops** and **conditional statements** in your own programs.