**How to Run the Program & Find Wrong Points**

**Prerequisites:**

1. Node.js installed on your system.

2. Your test cases stored in JSON format.

3. A text editor or IDE to run JavaScript code.

**Steps to Run the Program:**

1. Save the provided JavaScript code in a file, for example: "main.js".

2. Make sure you have test case files (like 'test.json' and 'test2.json') in the same directory.

3. Open a terminal or command prompt and navigate to the folder where your files are located.

4. Run the program using Node.js by executing the following command:

node main.js

**Finding Wrong Points:**

1. The program reconstructs the polynomial using Lagrange Interpolation.

2. It evaluates whether each point fits the polynomial by comparing actual y-values with expected

y-values.

3. Points that deviate significantly (based on a tolerance) are marked as 'wrong points'.

4. The program outputs these wrong points along with their expected values