**Hi Sir,**

Good Evening.

Day 13 Tasks

JS158. Convert a JavaScript object to a JSON string using JSON.stringify().

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day13/index1.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day13/index1.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day13/index1.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day13/index1.html)

JS159. Convert a JSON string back to a JavaScript object using JSON.parse().

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index2.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index2.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index2.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index2.html)

JS160. Create a JSON file (data.json) and fetch it using JavaScript.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index3.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index3.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index3.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index3.html)

JS161. Store an array of objects in LocalStorage as JSON and retrieve it

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index4.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index4.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index4.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index4.html)

JS162. Fetch JSON data from an API and display it in a table.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index5.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index5.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index5.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index5.html)

JS163. Modify a JSON object inside an array and update it.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index6.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index6.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index6.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index6.html)

JS164. Filter JSON data to display only objects matching a specific condition.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index7.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index7.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index7.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index7.html)

JS165. Sort an array of objects stored in JSON by a specific property (e.g., price, age).

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index8.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index8.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index8.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index8.html)

JS166. Find an object inside a JSON array based on a property value.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index9.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index9.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index9.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index9.html)

JS167. Create a function that adds new objects to an existing JSON file.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index10.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index10.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index11.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index11.html)

JS168. Remove a specific object from an array inside a JSON file.

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index11.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index11.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index11.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index11.html)

JS169. Fetch data from a JSON file and display it in a dropdown list

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index12.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index12.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index12.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index12.html)

JS170. Fetch data from an API using fetch() and handle errors gracefully using .catch().

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index13.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index13.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index13.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index13.html)

**Mini Project 25:**

**E-Commerce Product Catalog**

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/Miniproject23/index.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/Miniproject23/index.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/Miniproject23/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/Miniproject23/index.html)

**Mini Project 26:**

**Movie Search App (Fetch API + Async/Await)**

**Task Given Date:** 24-04-2025  
**Task Submission Date:** 25-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/Miniproject24/index.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/Miniproject24/index.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/Miniproject24/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/Miniproject24/index.html)

I am writing to inform you that I have successfully completed the assigned task. Please find the attached files for your review.

**Best Regards,**  
T. Sasikala  
Python Full Stack Trainee  
Vetri Technology Solutions