**Hi Sir,**

Good Evening.

Day 12 Tasks

JS145. Create an array of employees with name, age, and position.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index1.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day12/index1.html)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index1.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day12/index1.html)

JS146. Fetch and display a list of products from an API.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS147. Sort an array of objects by age in ascending order.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS148. Filter an array to show only students with grade 'A'.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS149. Find a specific product in an array by name.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS150. Convert an array of objects to only an array of names.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS151. Modify an object inside an array and update its value.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS152. Count how many objects meet a specific condition.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS153. Implement a search function to find objects dynamically.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS154. Group objects based on a property value.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS155. Remove a specific object from an array by property.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS156. Add new objects dynamically to an array.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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)

JS157. Display the highest-priced product in an array.

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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 23:**

**Inventory Management System Requirements .**

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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 2:**

**Library Book Management System Requirements**

**Task Given Date:** 23-04-2025  
**Task Submission Date:** 24-04-2025

**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