**Hi Sir,**

Good Evening.

Day 7 Tasks

JS79. Create a Person constructor with properties name and age, and create multiple instances.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS80. Add a method to the Person constructor that returns a greeting message.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS81. Create a Car constructor with brand, model, and year, and display the details.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS82. Modify the Car constructor to include a method that calculates the car's age.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS83. Use this inside a constructor function to refer to an object and modify properties dynamically.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS84. Create a BankAccount constructor with accountNumber, balance, and methods to deposit and withdraw money.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 014-04-2025

JS85. Implement default values in a constructor function when no parameters are provided.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS86. Create a Student constructor with an array property grades and a method to calculate the average grade.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS87. Use prototype to add a new method to a constructor function dynamically.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS88. Create a Book constructor function with title, author, and price, and filter books based on price.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS89. Implement inheritance in constructor functions where a Manager extends an Employee constructor.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS90. Create a ShoppingCart constructor with an array of products and methods to add, remove, and calculate total price.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

JS91. Use new keyword inside a function to create an instance of another constructor function.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/index.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/index.html)

**script.js:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/script.js**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/script.js)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day7/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day7/index.html)

**Mini project: 13.**

Employee Management System Description:

A simple system to manage employee records with a constructor function. Features:

✔ Create employee objects with name, position, and salary.

✔ Add a method to increase salary dynamically.

✔ Store employees in an array and display them in a table.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject13/index.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject13/index.html)

**script.js:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject13/script.js**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject13/script.js)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day7/Miniproject13/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day7/Miniproject13/index.html)

**Mini project: 14.**

Library Management System (Using Constructor) Description:

A simple book catalog where users can add, filter, and display books. Features:

✔ Create a Book constructor with title, author, and year.

✔ Store books in an array and display them.

✔ Allow searching for books by title.

**Task Given Date:** 12-04-2025  
**Task Submission Date:** 14-04-2025

**index.html:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject14/index.html**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject14/index.html)

**script.js:**

[**https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject14/script.js**](https://github.com/SasikalaThennarasu5/Webdevelopment/blob/main/Javascript/Day7/Miniproject14/script.js)

**Output:**

[**https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day7/Miniproject14/index.html**](https://sasikalathennarasu5.github.io/Webdevelopment/Javascript/Day7/Miniproject14/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