LAB 14

Generative AI Task

Assignment: Learn Basic JavaScript Using ChatGPT

Learning Objectives

By the end of this task, you will be able to:

* Write simple JavaScript code
* Understand variables, strings, numbers, and functions
* Use ChatGPT effectively to learn programming
* Debug and explain AI-generated code

Task Instructions

Step 1 — Ask ChatGPT to Teach You the Basics

Prompt ChatGPT with:

"Explain JavaScript variables, strings, and numbers with simple examples."

Write down **3 concepts** you learned from ChatGPT in your own words.

Step 2 — Ask ChatGPT to Create a Small JavaScript Program

Prompt ChatGPT with:

"Write a simple JavaScript program that takes two numbers, adds them, and prints the result."

Copy the code into your assignment.

Step 3 — Run the Code

Run the code in **any online JavaScript editor**, such as:
https://jsfiddle.net or https://playcode.io

Take a screenshot of:

- the code
- the output

Step 4 — Find 2 Improvements

Ask ChatGPT:

"Suggest 2 improvements for this code."

From its answer, choose **one improvement** and apply it to the code manually.

Step 5 — Explain the Code in YOUR Words

Write a short explanation:

- What does each line do?
- Why does JavaScript use `let` for variables?
- What did you learn from ChatGPT?

(5–7 sentences is enough.)

Step 6 — Ask ChatGPT One More Question

Ask ChatGPT something YOU are curious about in JavaScript.
Example prompts:

- "What is a function in JavaScript?"

- "How do I print something on the webpage instead of the console?"
- "What is the difference between let and var?"

Write the question + a 2–3 line summary of the answer.

Submission:

- Concepts learned from Step 1

- AI-generated code (Step 2)

- Screenshot of code running (Step 3)

- ChatGPT's improvement suggestions + improved code (Step 4)

- Your own explanation (Step 5)

- Final question + summary (Step 6)

Create a word file and add all the above mentioned in that word file.