# Assignment – DAY 16

# 20 Points About JavaScript

1. JavaScript was created by Brendan Eich in 1995.

2. It was initially called Mocha, then LiveScript, and finally JavaScript.

3. JavaScript is a high-level, interpreted programming language.

4. It is mainly used for adding interactivity to web pages.

5. JavaScript runs in the browser as well as on servers (via Node.js).

6. It is single-threaded and uses an event-driven model.

7. JS supports both functional and object-oriented programming styles.

8. HTML, CSS, and JavaScript together form the core of web development.

9. It uses the Document Object Model (DOM) to interact with webpage elements.

10. ES6 (2015) introduced modern syntax like let, const, and arrow functions.

11. JavaScript supports asynchronous operations with Promises and async/await.

12. It can fetch data from servers using APIs or AJAX.

13. It is loosely typed — you don’t need to declare variable types.

14. Frameworks like React, Angular, and Vue are built using JavaScript.

15. It’s used in both front-end and back-end development.

16. Node.js allows JavaScript to run outside the browser.

17. JS supports modules for better code organization.

18. It has libraries for data visualization, animations, and UI effects.

19. It’s one of the most popular languages in the world.

20. JavaScript keeps evolving every year with ECMAScript updates.