Day 66

MVC Architecture and ECMAScript Variables

1. What is MVC architecture?

Model – View - Controller (MVC) is an architectural pattern commonly used for developing user interfaces that divides an application into three interconnected parts - Model, View, and Controller.

Model:

It represents application data. It retrieves, stores, and maintains the data of the application in a database.

View:

A view is what you see when you visit a site. Example: blog post, contact form, etc. It sends the data to the client. Generally, views are HTML documents.

Controller:

It is a software code that controls the interactions between the Model and View.

React is positioned in the view(V) section of the MVC model.

2. What is the difference between var, let and const?

Comparison	Var	Let	const
Hoisting	support hoisting	Does not support hoisting	Does not support hoisting
Scope	Functional scope	Block scope	Block scope
Mutability	Mutable	Mutable	Immutable
ECMAScript	ES5	ES6	ES6

3. What are the properties of client-side architecture?

Following are the properties of Client-side architecture:

- Efficient network usage
- Optimized for caching
- Rich interaction through dynamic UI components
- No UI blocking and no slow-page reloads
- Efficient database usage
- API reuse