Date-20/12/2024
React Assignment-1

Theory

1.What is Emmet?

- Emmet is a third-party plugin that helps web developers to write HTML and CSS code faster than usual.
- By using Emmet Abbreviations , we can write code in less seconds

  Example- In HTML,by using exclamation points (!) we can create Structure of HTML code.

- The Advantage of using emmet which reduces the time , speeds the workflow and writes in less code.

2. Difference between Library and Framework?

- Framework contains a group of libraries and libraries provide certain functions or tools.

  Example- In building up code or application , we use predefined functions which are called libraries and whole code written in a framework.

- Framework provides more complexity and functionality and libraries provide a set of functions.
- Framework contains libraries and calls the code or application and the code or application uses the libraries.

3.What is CDN?Why do we use it?

- CDN stands for Content Delivery Network.
- A React Content Delivery Network is a network of servers that delivers the react files and other web content to improve website speed and performance.
- React CDN combination reduces the distance between the server and the user and performs the website faster.
- The CDN content is between the script.

4.Why is React known as React?

- React is called React because it reacts to changes in components state or props.
- React is a javascript library that helps developers to build user interfaces.
- React is named because it reacts quickly to changes without reloading the page.
- It uses Virtual DOM to efficiently update parts of a page.

5.What is cross-origin in script tag?

- The cross-origin attribute sets the mode of the request to an HTTP CORS Request.
- CORS stands for Cross Origin Resource Sharing.
- CORS is used to manage cross-origin requests.
- A cross-origin request is a request for a resource from another domain.
- Web pages often make requests to load resources on other servers.
- CORS defines a way how browser and server can interact to determine whether it allows cross-origin requests.

6.What is the difference between React and ReactDOM?

- React is a JavaScript Library for building user interfaces and ReactDOM is a package that renders those interfaces in a web environment.
- React and ReactDOM are two packages used when building web applications in React.
- They were split into two libraries because of the arrival of React Native , a React platform for mobile development.

Coding

Github Repository link- https://github.com/maradanijaswanth/React_Assignment-1