

Chapter 01 - Inception

Ques 1 :- What is Emmet?

Solu 1 :- Emmet (formerly Zen Coding) is a set of plug-ins for text editors that allow for high-speed coding and editing in HTML, XML, XSLT, and other structured code formats via content assist.

Ques 2 :- Difference between a Library and Framework?

Solu 2 :- Library :

- A library is a group of reusable functions and classes which are used by the developers to perform several common tasks.
- While using a library in the program, the user has full control when he uses the functions or classes from the Library.
- Example : React , Redux

Framework :

- A framework is basically a piece of code that dictates the architecture or the structure of our project and also adds in our programs.
- In frameworks, code never called into a framework. Instead, the Framework calls you.
- Example : Angular, Express, Django.

Ques 3 :- What is CDN? Why do we use it?

Solu 3 :- A content delivery network (CDN) refers to a geographically distributed group of servers which work together to provide fast delivery of Internet content.

CDN is a network of servers linked together with the goal of delivering content as quickly, cheaply, reliably, and securely as possible. In order to improve speed and connectivity, a CDN will place servers at the exchange points between different networks.

Ques 4 :- Why is React known as React?

Solu 4 :- React is named React because of its ability to react to changes in data. When the data in a React component changes, React will automatically re-render the component so that it reflects the new data. This makes it easy to create performant user interfaces that always look up-to-date.

Ques 5 :- What is crossorigin in script tag?

Solu 5 :- Crossorigin in script tag :-

- The crossorigin attribute specifies that the script element supports CORS.
- CORS stands for Cross Origin Resource Sharing.
- CORS is a standard mechanism to retrieve files from a third party domain or server.
- If specified, the script file request will be sent with or without credentials.

Note: This attribute is only relevant when the script is retrieved from a third party server. Do not use this attribute when these files are on your own server.

Ques 6 :- What is difference between React and ReactDOM

Solu 6 :- React library is responsible for creating views and ReactDOM library is responsible to actually render UI in the browser.

React is a JavaScript library, used for building user interfaces. It is used for building single-page applications and mobile applications.

React DOM is a JS library, used for interacting with the DOM and render components to DOM.

Ques 7 :- What is difference between react.development.js and react.production.js files via CDN?

Solu 7 :- The development build is used - as the name suggests - for development reasons.

The production build, on the other hand, runs in production mode which means, this is the code running on your client's machine.

Ques 8 :- What is async and defer?

Solu 8 :- The async and defer scripts are executed at different moments :-

- After an async script is downloaded, the browser will pause the document parser, execute the script and resume parsing the document.
- The defer script, on the other hand, will be executed only when the parser has completed its job.
- The async script is executed as soon as it is downloaded completely, hence they might not be executed at the same order as they appear in the page.
- On the other hand, the defer scripts guarantee the order of

execution.