Assignment 1 - Inception

Q1   What is Emmet?

⇒   Emmet is an abbreviation which will dynamically set a boiler plate.
Eg:- XML, HTML etc

Q2   What is the difference between a Library and Framework?

⇒   Library can work in a small part of the app too unlike a framework.

Other frameworks need to be used in a full-flged app to use them. They can't be used in already existing project.

But React can be used inside your existing project as well.

Q3   What is CDN? Why do we use it?

⇒   CDN stands for content delivery network.
These are the websites where react has been hosted and we pull react into our projects using CDN links.

We use CDN because it reduces latency by shortening the physical distance a user and the origin servers using a closer point of presence (POP). CDNs use geographical proximity as the main criteria for determining which server will fulfill a given request.

Q4   Why is React Known a React?

⇒   Because of its ability to react on change of the data.
When 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 performance user interface that always look upto date.

Q5   What is cross-origin in the script-tag?

⇒   Cross origin is a request for resources from another domain.
This attribute sets the mode of the request to an HTTP CORS Request

Q6 What is the difference between React and React DOM?

⇒ The React package holds the react source for components, states, props and all the code that is in React.

The React DOM glues between React and the React dom.

Q7 What is the difference between react.development.js and react.production.js files via CDN?

⇒ The development build is used for development reasons. You have source Map, debugging and often times hot reloading ability in those builds.

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

Q8 What are async and defer?

⇒ Async script are executed as soon as the script is loaded, so it doesn't guarantee the order of execution (a script you included at the end may execute before the first script file).

Defer script guarantees the order of execution in which they appear in the page.

Async allows your script to run as soon as it's loaded, without blocking other elements on the page. Defer means your script will only execute after the page has finished loading. In most cases is the better option.