

React -01

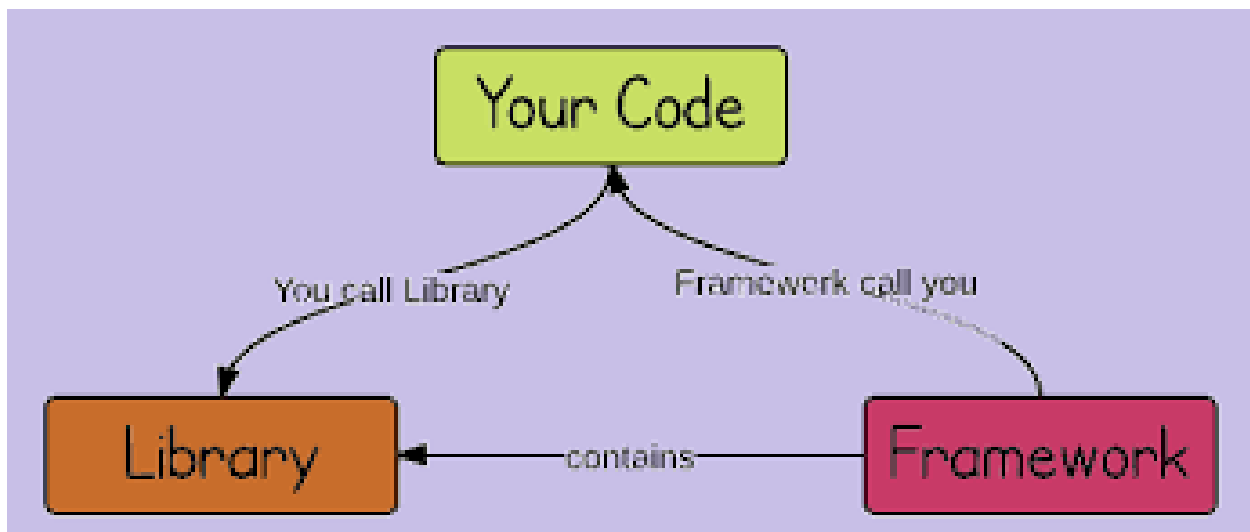
1. What is Emmet?

Emmet is an add-on for text editors to allow high-speed coding and editing by using shortcuts which are expanded into full piece of code, which ultimately helps developers reduce the time to type some boilerplate code.

2. Difference between a Library and Framework?

A Framework is a collection of libraries. "Inversion of Control" (IoC) describes the difference between a library and a framework.

In Library, Our code calls the library code, wherever in case of Framework, the framework's code calls our code whenever and wherever required.



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

(Source - Akamai.com) A content delivery network (CDN) is a group of geographically distributed servers that speed up the delivery of web content by bringing it closer to where users are. Data centers across the globe use caching, a process that temporarily stores copies of files, so that you can access internet content from a web-enabled device or browser more quickly through a server near you.

CDNs cache content like web pages, images, and video in proxy servers near to your physical location. This allows you to do things like watch a movie, download software, check your bank balance, post on social media, or make purchases, without having to wait for content to load.

4. Why is React known as React?

React is used to build User-interfaces. Whenever a user interact with this UI and clicks around it, the view changes or we can say it “Reacts” based on user inputs. That’s why it is called as React.

5. What is crossorigin in script tag?

Crossorigin attribute allows us to request resources from another domain through our domain. It sets the mode of request to a HTTP CORS request.

6. What is difference between React and ReactDOM?

React library is used to create Views and ReactDOM is used to render this view in browser.

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

React.development.js file is used for development reasons. While react.production.js is a minified, compressed version of code which makes rendering of file on user’s end quick and performance enhanced.

8. What is async and defer?

In Normal <script> tag, <script src="">

During HTML parsing when script tag is encountered the browser stops HTML parsing and the script is loaded synchronously and then executed. After the script is executed, HTML parsing is resumed again.

Using Async attribute in script tag, `<script async src="">`

During HTML parsing when script tag is encountered the HTML parsing is continued and the script gets loaded asynchronously and then HTML parsing is stopped and the script is executed. After script execution the HTML parsing is resumed

Using Defer attribute in script tag, `<script defer src="">`

During HTML parsing when script tag is encountered the HTML parsing is continued and the script gets loaded asynchronously and when HTML parsing is completed, the script is executed.