1. What is emmet?

**Answer:** Emmet is a free add-on for your text editor that allows you to type shortcuts that are then expanded into full pieces of code.

2. Difference between library and framework?

**Answers:**

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Library** | **Framework** |
| Definition | Libraries provide developers with predefined functions and classes to make their work easier and boost the development process. | Framework, on the other hand, is like the foundation upon which developers build applications for specific platforms. |
| Inversion of control | By using a library, you can control the flow of the application and call the library. | In contrast, when you use a framework, the control is inverted, i.e., the framework controls the flow and calls your code. |
| Collection | Generally, libraries are a collection of helper modules, objects, classes, functions, message templates, pre-written code, etc. | Frameworks consist of a lot of APIs, compilers, toolsets, support programs, libraries, etc. |
| Benefits | Good code quality, reusability, and control, enhanced speed and performance of the program, etc. | Faster programming, support from the community, great support for MVC (Model View Controller) pattern, etc. |
| Examples | JQuery, React JS, etc. | Spring, NodeJS, AngularJS, Vue JS, etc. |

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

**Answer:** CDN stands for “content delivery/distribution network”. A CDN is a network of servers that distributes content from an “origin” server throughout the world by caching content close to where each end user is accessing the internet via a web-enabled device. The content they request is first stored on the origin server and is then replicated and stored elsewhere as needed.

The main use of a CDN is to deliver content through a network of servers in a secure and efficient way. These networks improve the content security, performance and availability. They are also used to collect user analytics and tracking data on network traffic.

CDNs serve a range of content, including websites, mobile applications, streaming media and downloadable objects. Social media and search engine traffic go through CDNs.

E.g., 1) A bank uses a CDN to securely transfer sensitive data. 2) An e-commerce organization uses one to deliver content at busy times of year when traffic spikes are likely.

Now many webs application uses CDN. As we can see there are CDN links in the code which helps to transfer content fast and secure to the user. Mostly we see CDNs links are used widely for delivering stylesheets and JavaScript files (static assets) of libraries like Bootstrap, jQuery.

4. Why is React known as React?

**Answer:** React library was developed by Facebook for application that constantly changes data. React is a front-end framework or the “View” in MVC, this means that as the user clicks around and changes the app’s data, the view should “react” or change with those user events. User events being mouse clicks, typing, submitting a form.

5. What is cross origin in script tag?

**Answer:**