

## 1.Find the details below :-

### a. How to add or remove css classes to html elements using JavaScript ?

- To add the CSS classes to an element we use `addClass()` method, and to remove the CSS classes we use `removeClass()` method.

### b. What is CDN ? What are the advantages of using CDN urls ?

- Bootstrap CDN is the distribution of the most popular CSS framework in the world using a content delivery network. It is a geographically distributed group of servers that work together to provide fast delivery of Internet content.
- CDN enables a quick way to serve files over the internet such as HTML, Javascript, CSS, images, and videos. In Bootstrap's case, the main Bootstrap javascript and stylesheet files are being served over a CDN network.
- By default, Bootstrap recommends using Stackpath's CDN network which already powers over 8 million websites across the globe.

#### **Advantages :-**

- *Improves website loading time* - Because the javascript and stylesheet files from Bootstrap will be loaded from a nearby server based on the geographical location of the website visitor, the loading time will be reduced. Imagine a visitor from Japan: if your Bootstrap files are hosted in the USA, loading time will be much slower than if you had a CDN that would also have servers set up in Asia;
- *Reduced bandwidth cost* - Because the Bootstrap CDN is already used by over 8 million websites, chances are that a significant percentage of your website traffic will have the Bootstrap files cached in the local browser, making your website even faster;
- *Improved website security* - Having content delivered via CDN may protect your website better against DDoS mitigation;

### c. How to align justify using Bootstrap ?

- By using `.text-justify` class.