1. How to add or remove CSS classes to html elements using JavaScript?
You can add or remove CSS classes to HTML elements using JavaScript by manipulating the classList property of the element.
Ex:
var element = document.getElementById("yourElementId");
// Add a class
element.classList.add("classToAdd");
// Remove a class
element.classList.remove("classToRemove");
2. What is CDN? What are the advantages of using CDN urls?
CDN stands for Content Delivery Network. It is a network of distributed servers located in various data centers around the world.
The primary purpose of a CDN is to deliver web content, such as images, videos, stylesheets, JavaScript files, and other resources, to users in a faster and more reliable manner. CDNs work by caching and storing copies of these resources on their servers, which are strategically positioned in multiple geographic locations.
When a user requests a specific web page or resource, the CDN helps to deliver it by routing the request to the nearest or most optimal server in its network. This reduces the physical distance and network congestion between the user and the server, resulting in faster load times and improved performance.
CDNs offer several advantages, including:
Faster Loading Times: By serving content from servers closer to the user, CDNs reduce latency and improve the speed of content delivery.
Scalability: CDNs can handle increased traffic and distribute it effectively, helping websites remain available during traffic spikes.
Load Balancing: CDNs can balance the traffic across multiple servers to ensure consistent performance and high availability.
DDoS Protection: CDNs can absorb and mitigate distributed denial-of-service (DDoS) attacks, helping to protect websites from downtime.
Redundancy: CDNs offer redundancy and failover mechanisms, increasing the reliability of content delivery.
Popular CDN providers include Cloudflare, Akamai, Amazon CloudFront, and many others. Website owners and content providers use CDNs to enhance the user experience and ensure the efficient delivery of web content.
3. How to align justify using Bootstrap?
In Bootstrap, you can use utility classes to align text and justify it within a container. To justify text, you can use the text-justify class along with text-start, text-center, text-end, or text-justify for alignment. Ex:
Left-align text:<div class="text-start">
Your text here.
</div>
Center-align text:<div class="text-center">
Your text here.
</div>
Right-align text:<div class="text-end">
Your text here.
</div>
Justify text:<div class="text-justify">
Your text here.
</div>