

## **Assignment-14**

**Answer-1** : Media queries are a popular technique for delivering a tailored style sheet to different devices. To demonstrate a simple example, we can change the background color for different devices: Media queries are a feature of CSS that allows you to apply different styles to a webpage based on the characteristics of the device it is being displayed on. This can be useful for creating responsive designs that look good on a variety of different devices, such as smartphones, tablets, and desktop computers.

Use Of Media Query-

1. Responsive design.
2. Customized user experience.
3. Improved performance.
4. Enhanced accessibility.
5. Simplified maintenance.

**Answer-2 : Difference between min-width and max-width** - Typically, with min-width patterns, you're designing mobile-first. With max-width patterns, you're designing desktop-first. Going mobile-first with min-width, the default style is the mobile style. Queries after that then target progressively larger screens.

- `@media (min-width: 800px) { ... }` - for browser's viewport width equal or wider than 800px;
- `@media (max-width: 800px) { ... }` - for browser's viewport width equal or narrower than 800px.

**Answer-3 : Float Property-** The float CSS property places an element on the left or right side of its container, allowing text and inline elements to wrap around it. The element is removed from the normal flow of the page, though still remaining a part of the flow. Example-

`float: left;`

`float: right;`

`float: inline-start; etc`

**Clear Property** - The clear property is used to specify which side of floating elements are not allowed to float. It sets or returns the position of the element in relation to floating objects. If the element can fit horizontally in the space next to another element which is floated. Example-

Clear: left;

Clear: right; etc.