Mobile responsive and Positions

Assignment

Assignment Answer Sheet

1.What are media queries in CSS and their use case

Ans:- Media Queries in CSS:

- **Definition: Media queries are CSS techniques used to apply styles based on the characteristics of the user's device, like screen size, resolution, or orientation.**
- **Use Case: They enable responsive design by allowing different styles for different devices (e.g., mobile, tablet, desktop) to improve user experience.**

Example:
Code

```css
@media (max-width: 600px) {

  body {

    background-color: lightblue;

}}
```

Purpose: To create flexible layouts that adapt to varying screen sizes.

2.Difference between min-width and max-width in media queries in CSS

Ans:- Min-width vs. Max-width in Media Queries:

- **Min-width: Applies styles when the viewport is at least a certain width. Used for styling larger screens.**

  Example: `@media (min-width: 768px) { /* styles for tablets and up */ }`

- **Max-width: Applies styles when the viewport is at most a certain width. Used for styling smaller screens.**

  Example: `@media (max-width: 768px) { /*`

Purpose: Control the range of devices the styles apply to, ensuring responsive design.

3.Explain float property and clear property in CSS with examples.

Ans:- Float Property in CSS:

- **Purpose: Moves an element to the left or right within its container, allowing text and inline elements to wrap around it.**
- **Values: `left`, `right`, `none`.**

Example:
Code

```
.float-left {
  float: left;
}
```

- **This pushes the element to the left, with content wrapping around it.**

Clear Property in CSS:

- **Purpose: Prevents elements from wrapping around a floated element.**

- Values: `left`, `right`, `both`, `none`.

Example:

Code

```
.clear-both {

  clear: both;

}
```

- This ensures that no element will float on either side of the element.