Mobile responsive and Positions

Assignment

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

Media queries are a key part of responsive web design, as they allow you to create different layouts depending on the size of the viewport, but they can also be used to detect other things about the environment your site is running on, for example whether the user is using a touchscreen rather than a mouse .

Media queries allow you to apply CSS styles depending on a device's general type (such as print vs. screen) or other characteristics such as screen resolution or browser viewport width. Media queries are used for the following: To conditionally apply styles with the CSS @media and @import at-rules.

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

Max-width and min-width can be used together to target a specific range of screen sizes. @media only screen and (max-width: 600px) and (min-width: 400px) {...} The query above will trigger only for screens that are 600-400px wide. This can be used to target specific devices with known widths.

In short, min-width is a mobile 1st approach, max-width is a desktop 1st approach. Min-width is the minimum width at which a style will START to be applied. (Have to be ordered from smallest to largest to work properly, regular styles first).

Ex: if you wanna define the max-width of the element then you will say @media-queries (max-width: 1200) that means element size shouldn't go more than 1200px. In a similar way, min-width is the minimum size of the element which could be presented on the screen.

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

The CSS float property specifies how an element should float. The CSS clear property specifies what elements can float beside the cleared element and on which side.

float property in CSS:

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 (in contrast to absolute positioning).

clear property in CSS:

The clear CSS property sets whether an element must be moved below (cleared) floating elements that precede it. The clear property applies to floating and non-floating elements.