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***Year\_1\_D***

1.**Explain responsive web design.**

Responsive web design is an approach that ensures websites look and function well on various devices and screen sizes. It uses flexible layouts, fluid grids, and media queries to adapt the website's design and content based on the user's device. Like desktops, tablets, laptops and smartphones.

2. **How media types in CSS work?**

Media types in CSS define different types of devices or media that stylesheets should apply to. They allow specific styles to be targeted for screens, print, speech, and more. Media types are used with media queries to adapt styles based on the device or media being used.

Eg: @media screen {

/\* CSS rules for screens \*/

}

3. **What are the CSS frameworks?**

For me how I understand CSS frameworks are sets of CSS rules and styles that provide a foundation for building websites. CSS frameworks help in creating consistent and responsive designs by providing ready-to-use styles for typography, grids, forms, buttons, and other UI elements.

4. **What is a CSS selector:**

It is a pattern used to select and target specific HTML elements within a web page. It allows you to apply styles or define behaviors to those selected elements. Selectors can be based on element types, classes, IDs, attributes, and more others.

5. **What is the use of CSS Opacity?**

CSS Opacity is used to control the transparency or visibility of an element. By setting the opacity value, ranging from 0 (completely transparent) to 1 (fully opaque), you can make an element partially transparent.