Mobile responsive and Positions

Assignment

Assignment Answer

1.What is position property in CSS and its type

Ans:- Position Property in CSS:

- **Purpose: Controls the layout positioning of an element in the document flow.**
- **Types:**

    Static: Default value; elements are positioned according to the normal document flow.

    Relative: Positioned relative to its normal position.

    Absolute: Positioned relative to the nearest positioned ancestor.

Fixed: Positioned relative to the viewport, stays fixed when scrolling.

Sticky: Switches between relative and fixed based on scroll position.

Example:

Code

```
.position-relative {
  position: relative;
  top: 10px;
  left: 20px;
}
```

2.How many types of positioning are there in CSS

Ans:- Types of Positioning in CSS:

Static: Default; follows normal document flow.

Relative: Positioned relative to its original position.

Absolute: Positioned relative to the nearest positioned ancestor.

Fixed: Positioned relative to the viewport; doesn't move on scroll.

Sticky: Toggles between relative and fixed based on scroll position.

3.What is Z-index and why to use it?

AnS:- Z-index in CSS:

- **Purpose: Controls the stacking order of elements along the z-axis (depth).**
- **Use: Determines which elements appear in front or behind others when they overlap.**
- **Works With: Positioned elements (`relative`, `absolute`, `fixed`, `sticky`).**
- **Higher Value: Element appears on top.**

Example:

Code

```
.element {
  position: absolute;
  z-index: 10;
}
```