Static:
- The default position value for elements.
- Elements with position: static are positioned according to the normal flow of the document.
- They are not affected by the top, bottom, left, right, or z-index properties.

```
<div class="static-position">
  This is a static positioned element.
</div>
```

```
.static-position {
  position: static;
}
```

Fixed:
- The element is positioned relative to the viewport (browser window).
- It remains fixed in its position even when the page is scrolled.
- Use top, bottom, left, right properties to control the exact position.

```
<div class="fixed-position">
  This is a fixed positioned element.
</div>
```

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

Sticky:
- The element behaves like position: relative within its parent until a specified threshold (top/bottom position) is reached, then it becomes position: fixed.
- It is positioned relative to its nearest scrolling ancestor or the viewport if no scrolling ancestor exists.

- Useful for creating sticky headers or navigation menus that stay visible as the user scrolls.

```
<div class="sticky-position">
  This is a sticky positioned element.
</div>
```

```
.sticky-position {
  position: sticky;
  top: 20px;
}
```

Relative:
- The element is positioned relative to its normal position in the document flow.
- It does not affect the positioning of other elements.
- Use top, bottom, left, right properties to move the element from its normal position.

```
<div class="relative-position">
  This is a relative positioned element.
</div>
```

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

Absolute:
- The element is positioned relative to its nearest positioned ancestor (a parent element with position other than static) or the initial containing block if no positioned ancestor exists.
- It is taken out of the normal document flow, and other elements are positioned as if it doesn't exist.
- Use top, bottom, left, right properties to specify the exact position.

```html
<div class="absolute-position">
  This is an absolute positioned element.
</div>
```

```css
.absolute-position {
  position: absolute;
  top: 20px;
  left: 20px;
}
```