



CSS POSITIONING

STATIC, FIXED, RELATIVE, ABSOLUTE

POSITIONING

Positioning is the ways in which elements such as divs can be positioned on a page.



4 methods:

Static

Fixed

Relative

Absolute

POSITIONING

Element's positioning can be set from the left, right, top or bottom of their container (parent) element

```
div{  
    position: absolute;  
    bottom: 5px;  
}
```

STATIC

- Elements are static by default. Static elements react to the normal flow of the page.
- Elements will take up the nearest available space on the left/top.
- Elements appear on the page in the order they were declared in HTML

FIXED

- Fixed elements are positioned relative to the browser window.
- They move with the page as it is scrolled
- Useful for keeping important elements, such as navigation or calls to action in full view of the user.

TRY IT



```
div{  
    width: 60px;  
    height: 200px;  
    background: red;  
    position: fixed;  
    left: 0px;  
    top: 60px;  
}
```

RELATIVE

- A relative positioned element is positioned relative to its normal position.
- Relative positioning can be confusing, and is most easily dealt with inside a container div.

TRY IT



```
.wrapper {  
  width: 900px;  
  height: 600px;  
  background-color: #333;  
}
```

```
.relative {  
  width: 100px;  
  height: 100px;  
  background-color: purple;  
  position: relative;  
  top: 200px;  
  left: 40px;  
}
```

```
.norm {  
  width: 100px;  
  height: 100px;  
  background-color: white;  
}
```


ABSOLUTE

- An absolute position element is positioned relative to the first parent element that has a position other than static.
- If no such element is found, the containing block is `<html>`
- Absolute elements are taken out of the normal flow, and are therefore ignored by other elements (unlike relative)

TRY IT



- Take the previous example and use the css below on a new div:

`position: absolute;`

- Try to move it on top of the other elements.

WARNING

- CSS positioning is not generally used to layout a website in full.
- CSS positioning makes it difficult to create responsive websites.
- Most sites are laid out using div's with the 'float' property.

QUESTIONS?

You can post questions outside
of class in the MS Teams channel

Please jump in and help me out
by answering each other!

