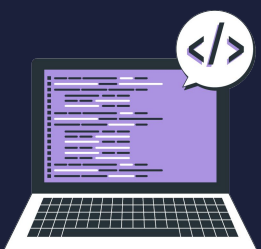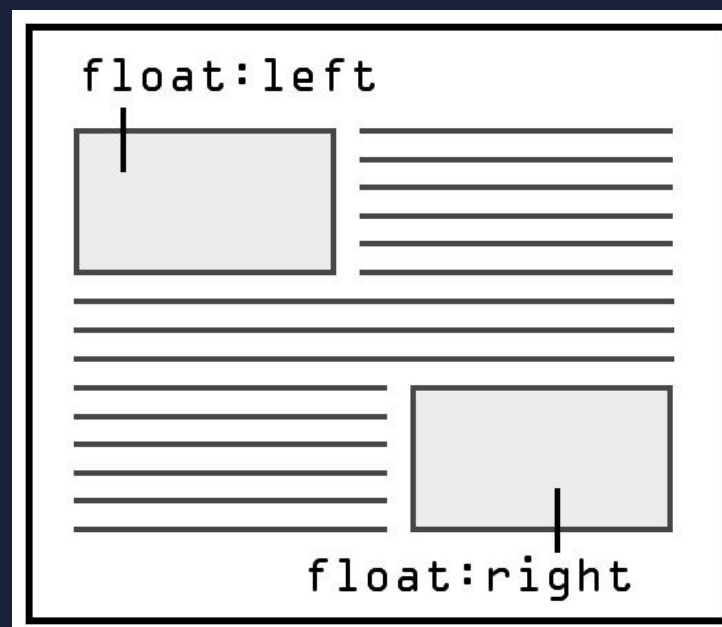# Float and Clear

PW SKILLS

Topics Covered

- What is float Layout?
- Clear property

What is float Layout?

Technique involves **Floating elements to the Left or Right** of a container element.

Example

HTML

```
<p>
    <div class="float-div"></div>
    Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Phasellus imperdiet, nulla et
dictum interdum, nisi lorem egestas odio, vitae
scelerisque enim ligula venenatis dolor. Maecenas
nisl est, ultrices nec congue eget, auctor vitae
massa. Fusce luctus vestibulum augue ut aliquet.
</p>
```

CSS

```css
/* styles.css */
.float-div {
  float: right;
  width:170px;
  height:170px;
  margin-left:15px;
  background-color:red
}
```
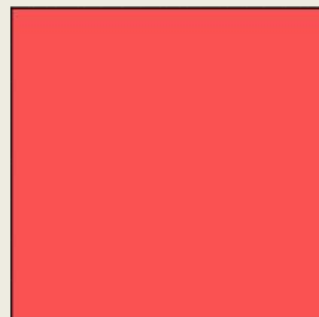
Output

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus imperdiet, nulla et dictum interdum, nisi lorem egestas odio, vitae scelerisque enim ligula venenatis dolor. Maecenas nisl est, ultrices nec congue eget, auctor vitae massa. Fusce luctus vestibulum augue ut aliquet.

Clear property

Clear space on left or right side of an floated elements that come before it.

We can set clear property to

- left

- right

- both

Let's take an example HTML

HTML

```html
<div>
    <div class="float-left">LEFT</div>
    <div class="float-right">RIGHT</div>
    <p class="para">
      Lorem ipsum dolor sit amet, consectetur
      adipiscing elit. Phasellus imperdiet,
      nulla et dictum interdum, nisi lorem
      egestas odio aliquet...
    </p>
</div>
```

CSS

```css
.float-left {
  float: left;
  width: 170px;
  height: 170px;
  background-color: rgb(25, 146, 211);
  border: 15px solid rgb(248, 248, 0);
  font-size: 40px;
}

.float-right {
  float: right;
  width: 170px;
  height: 270px;
  background-color: rgb(25, 146, 211);
  border: 15px solid rgb(248, 248, 0);
  font-size: 40px;
}
```

In next 3 slides we will set **para** element **clear** property and see the behaviour.

Clear property

```
.para {
    clear: none;
}
```


LEFT

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus imperdiet, nulla et dictum interdum, nisi lorem egestas odio, vitae scelerisque enim ligula venenatis dolor. Maecenas nisl est, ultrices nec congue eget, auctor vitae massa. Fusce luctus vestibulum augue ut aliquet.

RIGHT

clear:left

```
.para {
    clear: left;
}
```


LEFT

RIGHT

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus imperdiet, nulla et dictum interdum, nisi lorem egestas odio, vitae scelerisque enim ligula venenatis dolor. Maecenas nisl est, ultrices nec congue eget, auctor vitae massa. Fusce luctus vestibulum augue ut aliquet.

clear:right

```css
.para {
    clear: right;
}
```
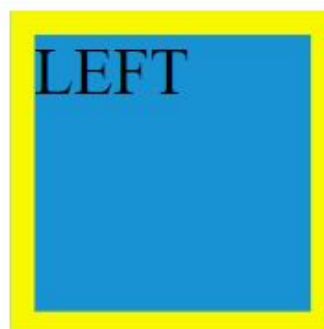
LEFT

RIGHT

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus imperdiet, nulla et dictum interdum, nisi lorem egestas odio, vitae scelerisque enim ligula venenatis dolor. Maecenas nisl est, ultrices nec congue eget, auctor vitae massa. Fusce luctus vestibulum augue ut aliquet.

clear:right

```css
.para {
  clear: both;
}
```


LEFT

RIGHT

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THANK YOU