



Controlling Devices Over the Internet > Introduction to HTML

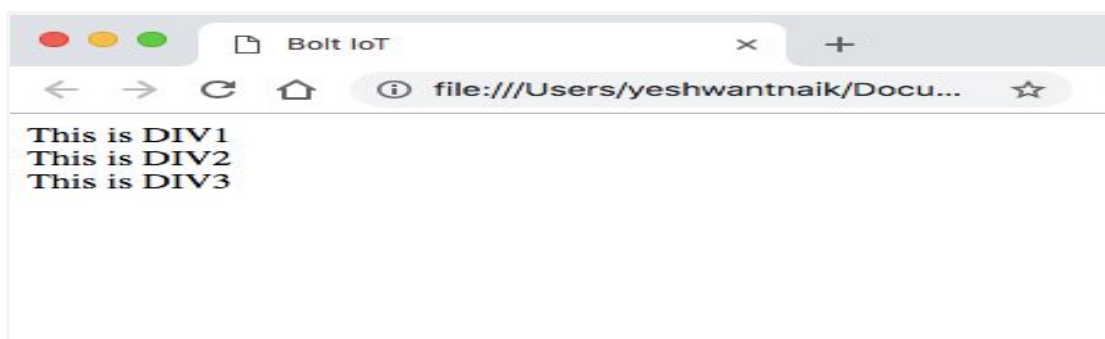
Div tag

In the previous section, we learned how to use hyperlinks. In this section, we shall learn about the div tags.

The div tag divides the HTML document into divisions. These divisions can then be positioned and styled using style properties.

We shall create three div's first. Create a new HTML file and copy the below code.

```
<!DOCTYPE html>
<html>
<head>
  <title>Bolt IoT</title>
</head>
<body>
<div >This is DIV1</div>
<div >This is DIV2</div>
<div >This is DIV3</div>
</body>
</html>
```



The divs can be styled using a wide range of properties. Here are few of the most used ones:

width: Sets width of the div.

height: Sets height of the div.



`background-color`: Sets background color of the div.

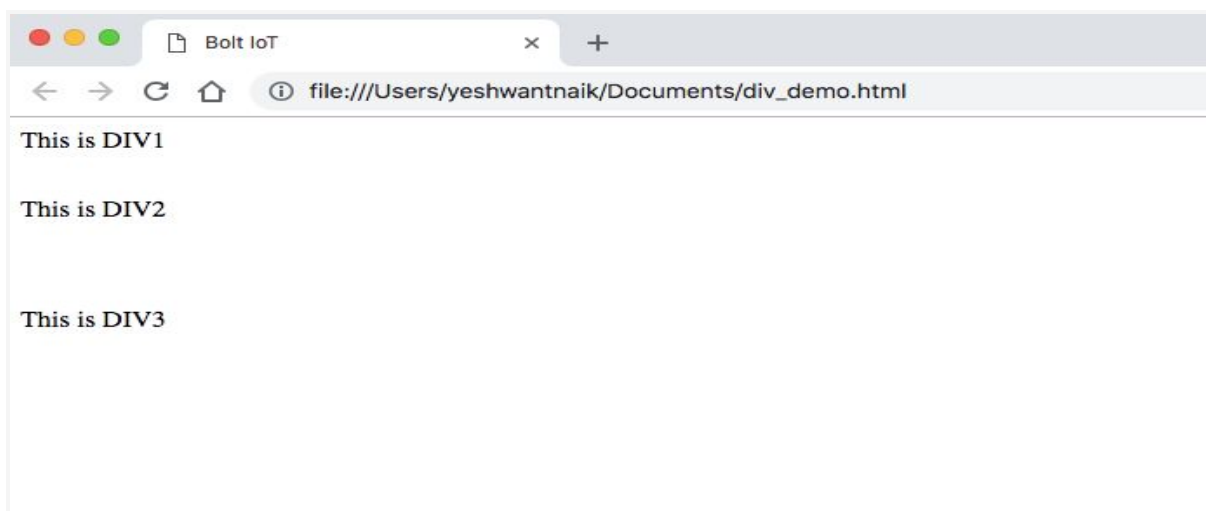
`position`: Specifies the type of positioning method used for an element.

`top`: Sets spacing from top margin.

`left`: Sets spacing from left margin.

Let's set size for the divs.

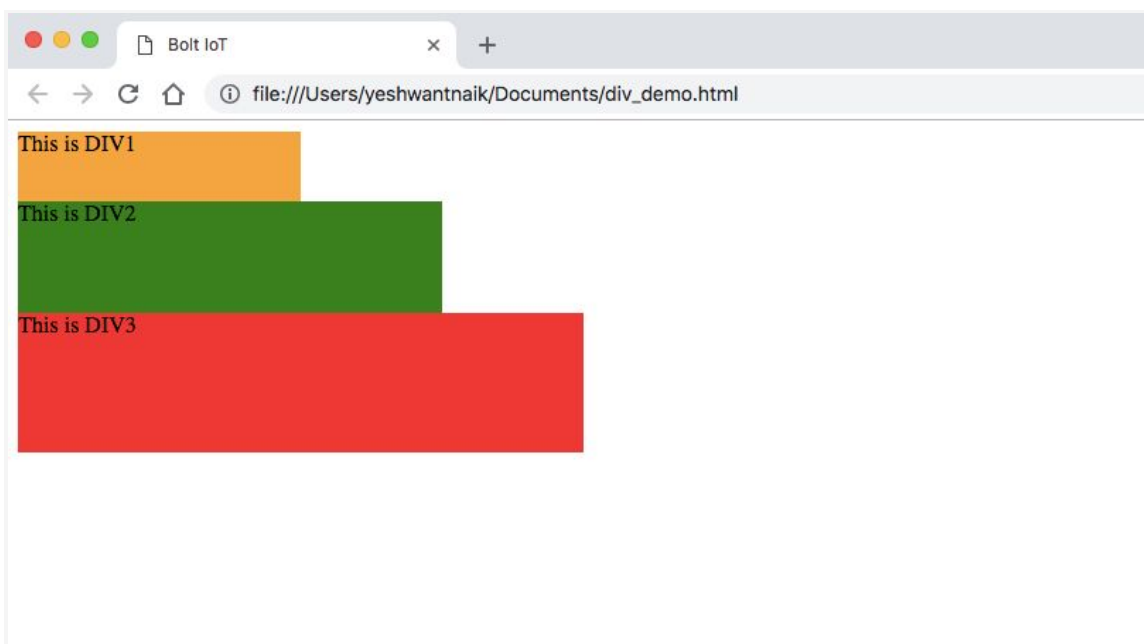
```
<!DOCTYPE html>
<html>
<head>
  <title>Bolt IoT</title>
</head>
<body>
  <div style="width: 200px; height: 50px;">This is DIV1</div>
  <div style="width: 300px; height: 80px;">This is DIV2</div>
  <div style="width: 400px; height: 100px;">This is DIV3</div>
</body>
</html>
```





Adding a background color to the divs.

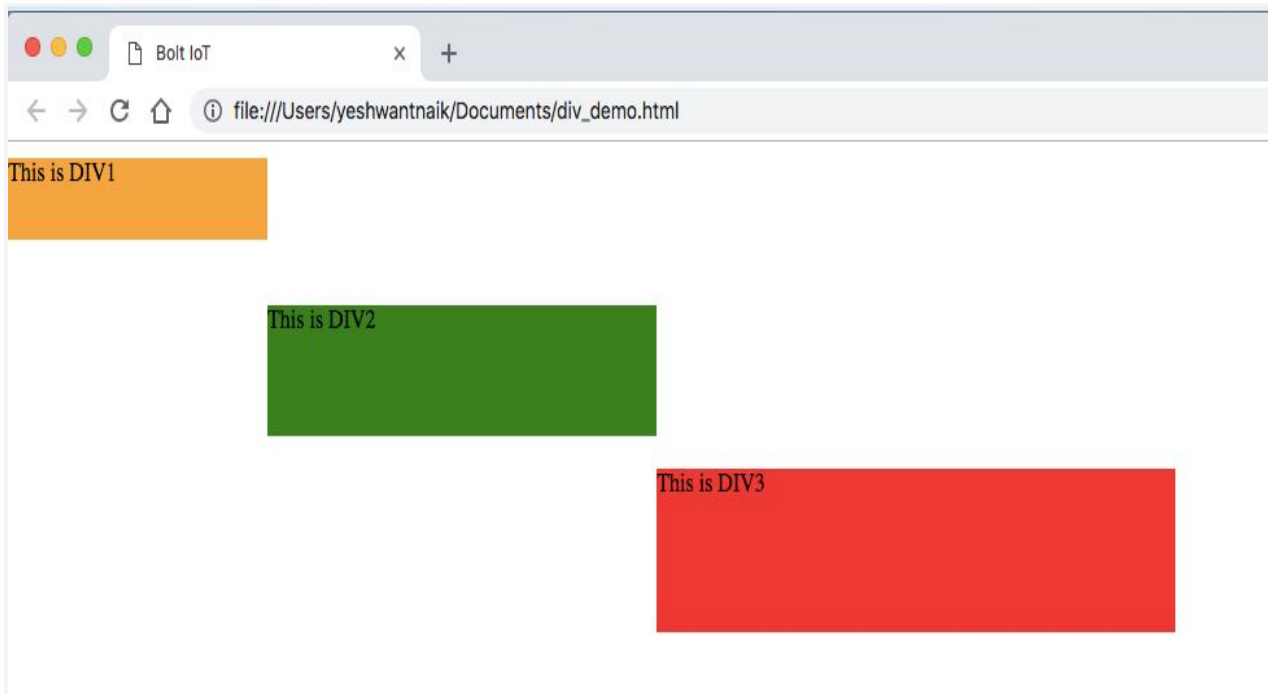
```
<!DOCTYPE html>
<html>
<head>
  <title>Bolt IoT</title>
</head>
<body>
  <div style="width: 200px; height: 50px;
background-color:orange;">This is DIV1</div>
  <div style="width: 300px; height: 80px; background-color:green;">This
is DIV2</div>
  <div style="width: 400px; height: 100px; background-color:red;">This
is DIV3</div>
</body>
</html>
```



Let's change the positioning of the divs using position, top and left tags.



```
<!DOCTYPE html>
<html>
<head>
  <title>Bolt IoT</title>
</head>
<body>
  <div style="position: fixed; top: 10px; left: 0px; width: 200px;
height: 50px; background-color:orange;">This is DIV1</div>
  <div style="position: fixed; top: 100px; left: 200px; width: 300px;
height: 80px; background-color:green;">This is DIV2</div>
  <div style="position: fixed; top: 200px; left: 500px; width: 400px;
height: 100px; background-color:red;">This is DIV3</div>
</body>
</html>
```



You can change the values of the above parameters to see how the divs alignment changes.