



CSc 337 - CSS Layout

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CSS Layout

- In some (many?) cases, a web programmer wants to customize the way elements are positioned and laid out relative to the viewing window, or other elements
- Having a good understanding of CSS layout helps here
- Key CSS properties for this:
 - **margin** and **padding**
 - **display** and **position**
 - **width** and **height**
 - **top, bottom, left, right**
 - **float**

CSS Layout in the reading

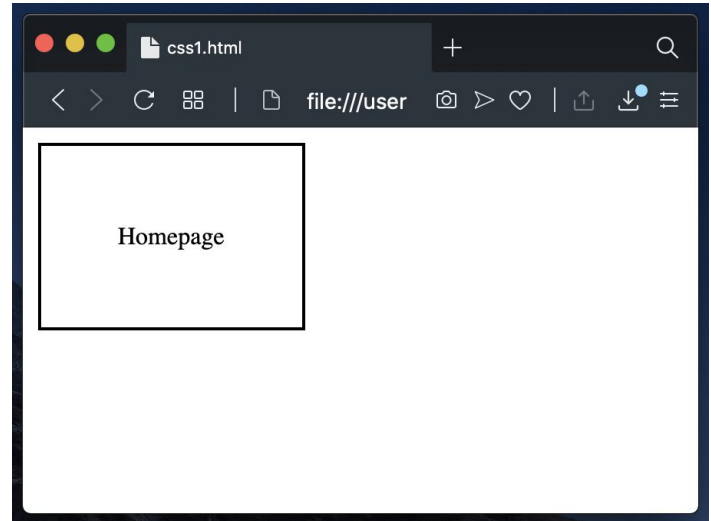
- Go to the course schedule

Margin and Padding (see dev console)

```
div {  
  border: solid 2px;  
  width: 70px;  
  margin: 10px;  
  padding: 50px;  
}
```

• • •

```
<div>Homepage</div>
```

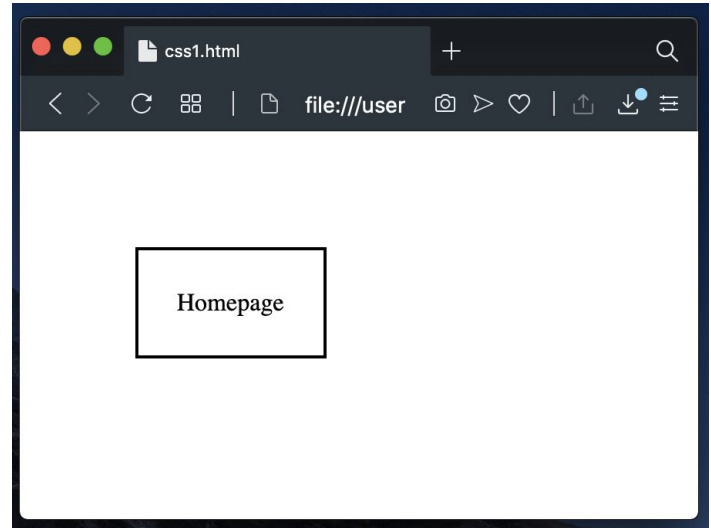


Margin and Padding (see dev console)

```
div {  
  border: solid 2px;  
  width: 70px;  
  margin: 75px;  
  padding: 25px;  
}
```

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```
<div>Homepage</div>
```



Select the correct CSS

A

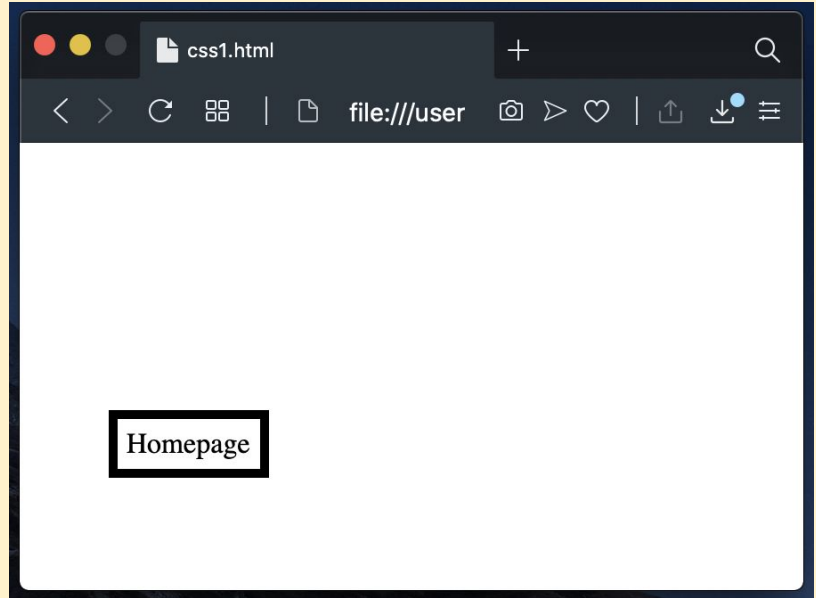
```
border: solid 5px;  
width: 70px;  
margin-left: 50px;  
margin-top: 150px;  
padding: 5px;
```

B

```
border: solid 0px;  
margin-left: 10px;  
margin-top: 20px;  
padding: 25px;
```

C

```
border: solid 30px;  
width: 400px;  
margin-left: 10px;  
margin-top: 150px;  
padding: 20px;
```

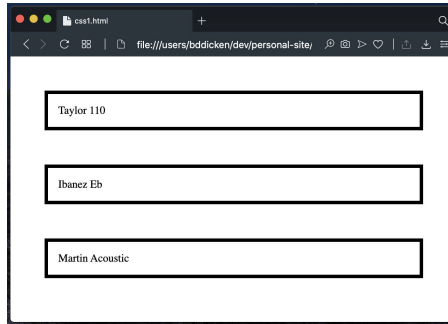


Display

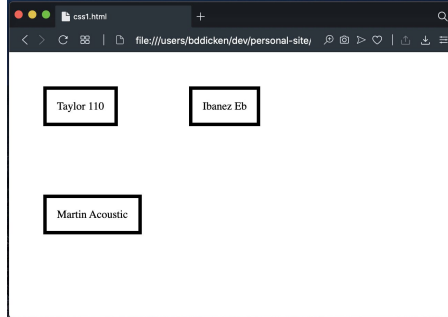
```
div {  
  display: ???;  
  border: solid 5px;  
  margin: 50px;  
  padding: 15px;  
}
```

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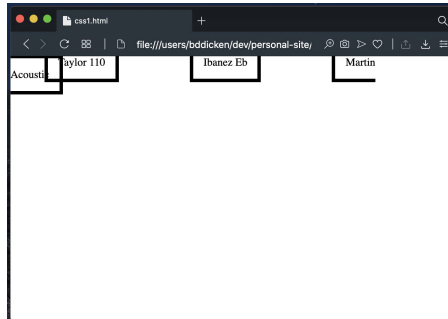
```
<div>Taylor 110</div>  
<div>Ibanez Eb</div>  
<div>Martin Acoustic</div>
```



`display: block;`



`display: inline-block;`



`display: inline;`

Position

`static` - not positioned

`relative` - not positioned, unless given extra properties

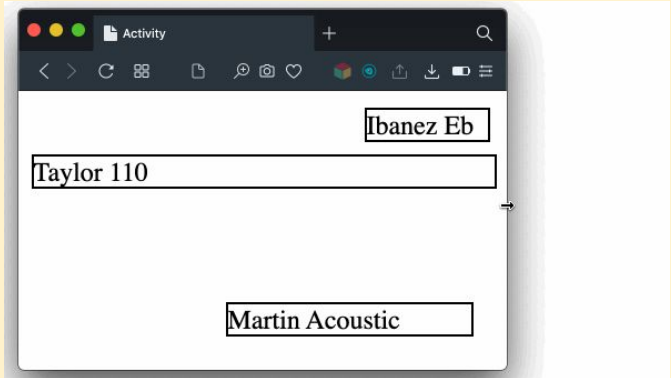
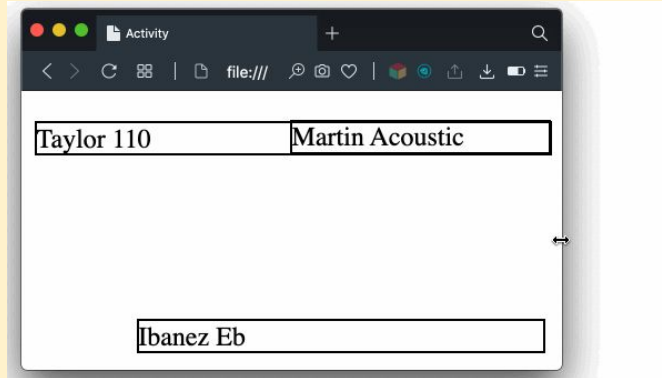
`fixed` - positioned relative to viewport

`absolute` - positioned relative to nearest positioned ancestor

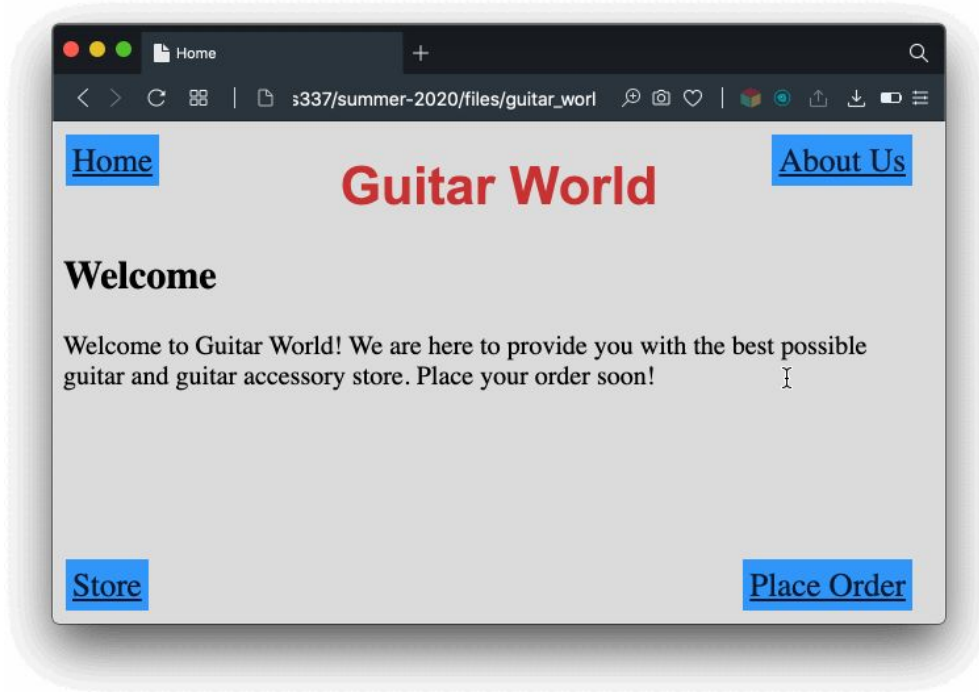
What is the correct output?

```
div {  
  border: 1px solid;  
}  
#t {  
  position: relative;  
  top: 10px;  
  width: 100%;  
}  
#m {  
  position: absolute;  
  bottom: 0px;  
  right: 0px;  
  width: 50%;  
}  
#i {  
  position: fixed;  
  bottom: 10px;  
  right: 10px;  
  width: 75%;  
}
```

```
<body>  
  <div id="t">  
    Taylor 110  
    <div id="m">Martin Acoustic</div>  
    <div id="i">Ibanez Eb</div>  
  </div>  
</body>
```



Let's build it!



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