Modern Mondrian

1. Make a new folder called **ModernMondrian**.
2. In the **ModernMondrian** folder, create a **css** folder.
3. In **Brackets**, open the **ModernMondrian** folder as a project.
4. Create a **new file** in the root of the **ModernMondrian** folder and name it **index.html**.
5. Add in the base **HTML5** structure.
6. In the **<head>** tag, add a <link> element with the following:
   * an href equal to: "css/index.css"
   * a rel attribute with a value of "stylesheet"
   * and the optional type with a value of "text/css"
7. Between the **<body>** tags, add the following code:

<div id="painting"></div>

1. Between the **<div id="painting">** tags, add the following code:

<body>

<div id="painting">

<div id="toprow">

<div id="bigbox" class="red"></div>

</div>

</div>

</body>

1. Save the index.css file, then create a **new file** in the **css** folder and name it i**ndex.css**.
2. In **index.css**, add the following code to style the html:

body, html {

background-color: #f6f6f6;

}

#painting {

background-color: #fff4db;

# width: /\* To calculate the width, refer to the mondrian\_grid.jpg file for the dimensions \*/;

height: /\* **To calculate the height, refer to the mondrian\_grid.jpg file for the dimensions** \*/;

margin-top: 30px;

margin-left: auto;

margin-right: auto;

box-shadow: 10px 10px 12px #8d8d8d;

}

#toprow {

height: 290px;

}

#bigbox {

width: 290px;

height: 290px;

}

1. In **index.css**, create the following code for the colours:

●

Create a class named “**red**”, with a **background colour** property of “**red**”

* Create a class named “**blue**”, with a **background colour** property of “**blue**”
* Create a class named “**yellow**”, with a **background colour** property of “**yellow**”
* Create a class named “**black**”, with a **background colour** property of “**black**”

1. **Save** the files and run a **preview**.
2. In **index.css**, add the following code:

* Add a **class** of “**right**” with a **float** property of **right**

1. In **index.html**, add '**right**' to the class of the **<div>** with **id="bigbox"**.
2. In **index.css**, add the following code:

#divider1 {

height: 290px;

width: 10px;

}

1. In index.html, add the following:

<body>

<div id="painting">

<div id="toprow">

<div id="bigbox" class="red right"></div>

<div id="divider1" class="black right"></div>

</div>

</div>

</body>

1. Now let’s make a column, called #topleftcolumn. We will be putting three boxes in it, two with the .mediumbox class, and a horizontal #divider2 in between.

#topleftcolumn won't be visible, but it helps position and stack those three boxes vertically within that last bit of the row.

1. In **index.html**, add the following:

<body>

<div id="painting">

<div id="toprow">

<div id="bigbox" class="red right"></div>

<div id="divider1" class="black right"></div>

<div id="topleftcolumn" class= "right">

<div class="mediumbox"></div>

<div id="divider2" class= "black"></div>

<div class="mediumbox"></div>

</div>

</div>

</div>

</body>

1. In **index.css**, add the following:

.mediumbox {

width: 100px;

height: 140px;

}

#divider2 {

height: 10px;

width: 100px;

}

1. **Save** and run a **preview**.
2. In **index.html**, add the following:

<body>

<div id="painting">

<div id="toprow">

<div id="bigbox" class="red right"></div>

<div id="divider1" class="black right"></div>

<div id="topleftcolumn" class= "right">

<div class="mediumbox"></div>

<div id="divider2" class= "black"></div>

<div class="mediumbox"></div>

</div>

</div>

<div id="middlerow" class="black></div>

</div>

</body>

1. In **index.css**, add the following code:

#middlerow {

height: 10px;

}

1. **Save** and run a **preview**.
2. In **index.html**, add the following code:

<body>

<div id="painting">

<div id="toprow">

<div id="bigbox" class="red right"></div>

<div id="divider1" class="black right"></div>

<div id="topleftcolumn" class= "right">

<div class="mediumbox"></div>

<div id="divider2" class= "black"></div>

<div class="mediumbox"></div>

</div>

</div>

<div id="middlerow" class="black"></div>

<div id= "bottomrow">

<div id= "bottomrightcolumn" class= "right">

<div id= "tinybox"></div>

<div id= "divider4" class= "black"></div>

<div id= "tinybox" class= "yellow"></div>

</div>

<div id= "divider3" class= "black right"> </div>

<div id= "widebox" class= "right"> </div>

<div id= "divider3" class= "black right"> </div>

<div id= "smallbox" class= "blue right"> </div>

</div>

</div>

</body>

1. In **index.css**, add the following code:

#smallbox {

width: 100px;

height: 100px;

}

#widebox {

width: 260px;

height: 100px;

}

#tinybox {

width: 20px;

height: 45px;

}

#divider3 {

height: 100px;

width: 10px;

}

#divider4 {

height: 10px;

width: 20px;

}

1. **Save** and run a **preview**.

# So far we’ve been dealing with pixel dimensions on everything. What happens if we change height and width to percents? Can you create a Mondrian-style image that fills the entire browser and scales to any dimension the window takes?