

Core Lab Interaction

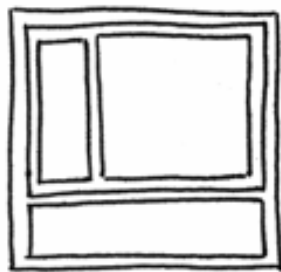
Homework 1

Recode Piet Mondrian's "Composition II in Red, Blue, and Yellow" from 1930

- The painting should be recreated entirely using `<div>` colored with CSS `background-color`.
- Some `<div>` will be container `<div>` that are invisible, but divide up space.
- Use % units, allow the painting to take up the full canvas of the HTML page, it's okay if it appears stretched if the window is also stretched.
- Use CSS borders around the colored `<div>` to accomplish the black lines, this will put additional black frame around the outer boundary of the work, that is okay.

Some helpful thoughts

- The `<body>` `</body>` tag should only need to contain `<div>` elements.
- Make sure borders are in the interior of the `<div>` `{ box-sizing: border-box; }`
- The width & height math becomes much simpler if you only ever divide a `<div>` into 2 parts. Even to split into threes, split first into twos, then split one again.
- Each nested layer should only be dividing up the space horizontally or vertically; never both directions within the same container. If this is happening you are needing more empty containers.
- I found it helpful to make this kind of diagram - illustrate all the container divs with a margin so that their space becomes obvious.



```
div {  
  box-sizing: border-box;  
  float: left;  
  width: 100%;  
  height: 100%;  
}
```

Extra credit: outer borders

get rid of the outer border, which requires specifically targeting the certain sides (top, left..) of a border.

