



CMPSC 302

WEB DEVELOPMENT



# Planting your garden(s)

- \* Together, we are going to perform a Pull Request/Merge of your content in your Week 2 lab
- \* If you're not already at GitHub, navigate there and follow along
  - \* If you know what to do or have done any of the steps we're about to, just follow along, or
  - \* Just do the steps



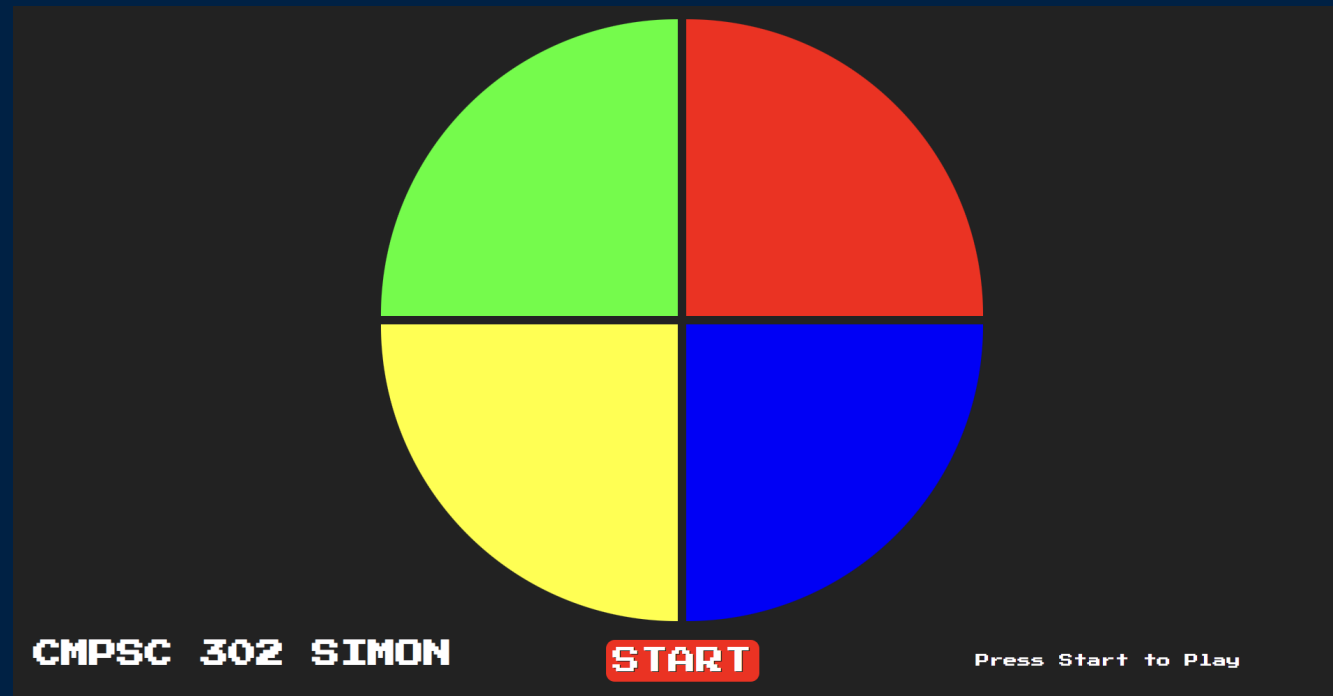
# The week's work

- ✦ Today, you're getting a repository that we're going to use for the next 1.5 weeks
- ✦ We will gain:
  - ✦ Practice in HTML/CSS
  - ✦ Experience doing more "responsive" design
    - ✦ We've already been kinda doing this
    - ✦ This time it's via something called
  - ✦ Collective knowledge in Javascript
  - ✦ At the end, a cool game



# SIMON says

- \* Your job today (and partially Friday) is to make a layout.
- \* Our layout should look like:





## New tools

✱ To make our touchpads, we're going to use:

```
<button></button>
```



# Simon says

- \* Rules are in the README, but:
  - \* Name the IDs the names specified in the document
  - \* Follow other guidelines
- \* We will tackle the “mobile” part together
  - \* This will involve learning something new, but likely on Friday
- \* Today is dedicated to work time



# Media training

- \* We have the ability to change our designs *in response to* changing screen conditions
  - \* Hence “responsive”
- \* Typically, this responds to widths and screen “orientations”
  - \* Screen sizes are typically demoninated in “pixels”
    - \* This is one of the few times that it’s pretty much the only way
- \* CSS “Media Queries” accomplish this



# Media training

screen size



```
@media only screen and (max-width: 1024px) {
```

```
  #selector {
```

```
    property: value;
```

```
  }
```

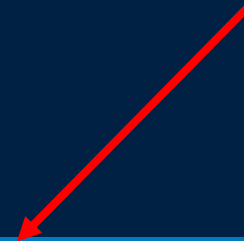
```
}
```





# Media training

screen orientation



```
@media only screen and (orientation: landscape) {  
  #selector {  
    property: value;  
  }  
}
```



# Media training

✦ We can simulate these in our “inspect” mode:

