

MEETING V

WEEK 2 DAY 2
WORKSHOP

HTML/CSS

- Websites need to be well interactive with the use
 - Attracts them to come back
 - Gives them a good perspective of the website.
- Apple 6S Website
- <http://jsbin.com/gameyi/>

TRANSITION: HOW TO USE IT

```
img {  
    border: 1px solid black;  
    transition: all .5s;  
}  
  
img:hover {  
    border: 3px solid #ff7242;  
}
```


REVIEW IF/ELSE

To check whether something is true;

```
if (statement) {
```

 If **statement** is true then do this

```
} else {
```

 Otherwise, if **statement** is false, do this.

```
}
```


OPERATORS

- Operators are used to change a value.
- Basic operators: $+$, $-$, $*$, $/$
- More complex: $\%$ <- Modulo, the remainder of a division.
- $5 \% 2 = 1$. ($5/2 = 2 + \underline{1/5}$)
- $9 \% 3 = 0$. ($9/3 = 3 + \underline{0}$)
- $6 \% 4 = 2$. ($6/4 = 1 + \underline{2/4}$)

INCREMENT/DECREMENT

- To increment or decrement a value by 1:
- `a++` || Ex: `a = 5; a++; a = 6;`
- `a--` || Ex: `a = 5; a--; a = 4;`

FOR-LOOPS

- Teach why For-Loops are used.
- Are used to specify iteration, which allows code to be executed repeatedly x number of times. Which you can access anytime in the loop.
- Go through all numbers between 1 and 100 and display all odd numbers.
- Imitation Game
- A big practical use of for loops is to go through a database and collect data.