## LESSON 10 Conditional Statements



### First Thing-LET'S PRACTICE MORE

# Check Out ASSIGNMENT #1

### JOUERY METHODS

#### What do these do?

```
.parent();
.children();
.siblings();
.next();
.prev();
.find();
event.preventDefault();
.ready();
```

### JOUERY IN ACTION

#### What do these do?

```
$("li").parent().css("border", "1px solid
red");

$("#box-20").next().css({
    "background-color": "yellow",
    "color": "black"
});

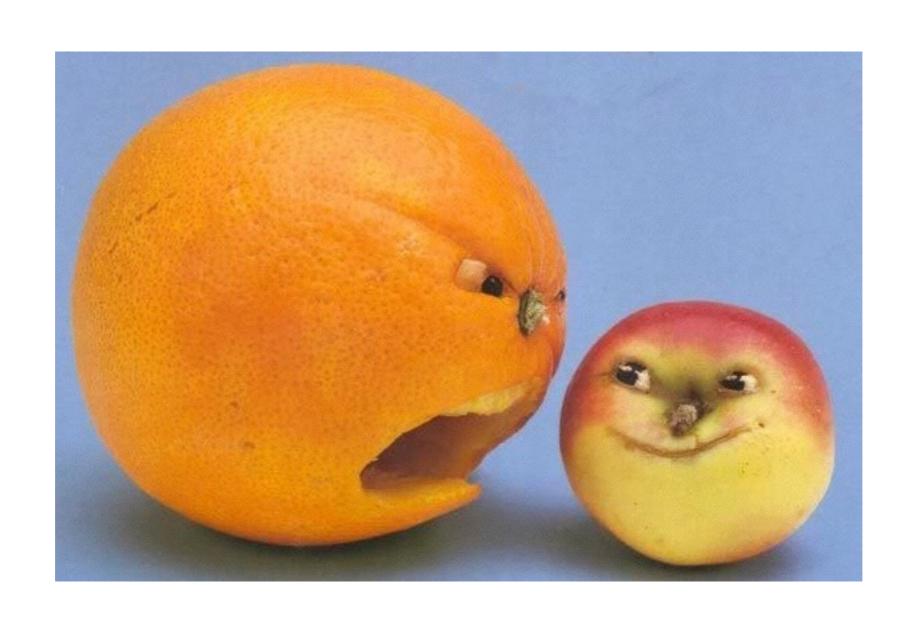
$(".class-19").toggleClass('container');
```

### JOUERY IN ACTION

#### What does this do?

```
$(document).ready(function {
   $('.container').click(function {
    $('li').parent().css({
       'color': 'red',
       'border': "2px dotted #222"
      )};
});
```

### COMPARING DATA



### Check Out

## ASSIGNMENT #2

While the Lecture is Going On

# COMPARISON OPERATORS

### Allow you to compare instead of define values

```
> (greater than)
>= (greater than or equal to)
< (less than)
<= (less than or equal to)
=== (equality)
!== (inequality)</pre>
```

# COMPARISON OPERATORS

# They usually compare integers or boolean variables within a conditional statement

```
var blackJack = 21, daysInAWeek = 7;
if (blackJack >= daysInAWeek) {
   // valid condition
   // function will execute this code
}
```

## CONDITIONAL STATEMENTS

### Most simplistic version

```
if (test1 === test2) {
   // anything in here will be run
}
```

# CONDITIONAL STATEMENTS

## If / Else gives the computer two paths to go down

```
if (test1 === test2) {
   // if true, run
} else {
   // if not true, run
}
```

## CONDITIONAL STATEMENTS

If / Else If allows for deep conditional nesting. Be careful with this - don't confuse yourself.

```
if (test1 === test2) {
   // run if first condition is true
} else if (test1 >= test2) {
   // run if second condition is true
} else {
   // runs if neither are true
}
```

### REMEMBER

When you use '=' that defines a value. If you try to use '=' in a comparison statement, you will reassign variables!

```
var blackJack = 21, daysInAWeek = 7;
if (blackJack = daysInAWeek) {
   // valid condition
   // function will execute this code
}
```

### CODEALONG

Look at Assignment #2





A jQuery method that gets you values or sets values, especially useful with forms

```
$("#selector").val();
// outputs value HTML attribute
$("#selector").val(test);
// set value HTML attribute with test
variable
```

## RETURN

This is the way you get a function to return a set value. Grown-up programming.

```
function addThings(val1, val2) {
  var sum = val1 + val2;
  return sum;
}
var newNumber = addThings(1, 2);
console.log(newNumber); // output 3
```

### CODEALONG

Look at Assignment #2

### NEXT TIME

Start clicpic HW
Final Project Concept Due Wednesday
JS Conditionals and This