JavaScript Week 3

The DOM Continued

- Go Over Homework

  - Jasmine issues

  - Array methods (contains, remove)

Activity

- Magical Store

Event Handlers

- To attach an event handler declaratively:

```
<body onload="someFunction();">
```

- Attach using an inline function:

```
var button = document.createElement("button");
button.innerHTML = "Click Me";
button.onclick = function() {
                    alert('you clicked me!')
              };
```
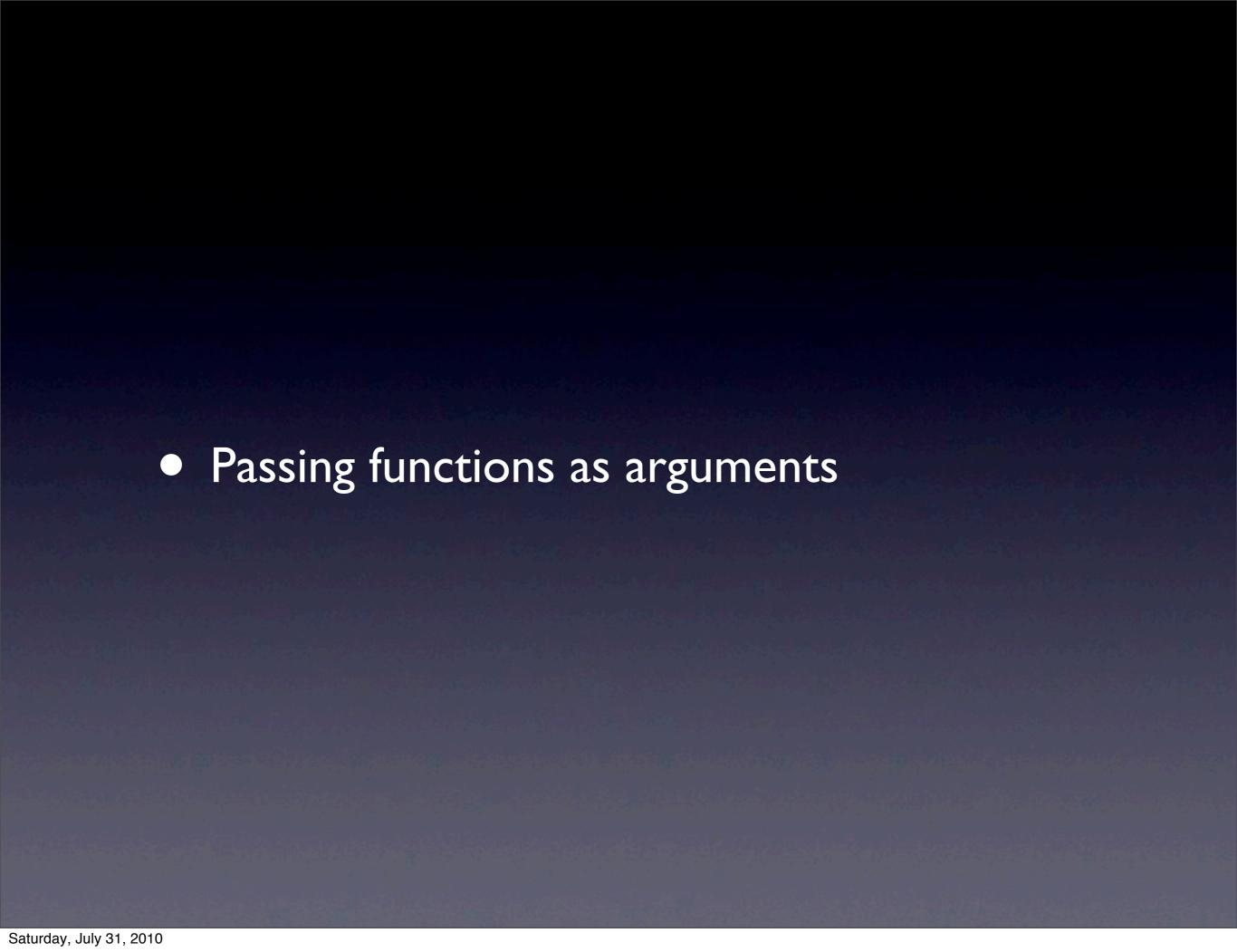
- Attach using a named function

```
function handleButtonClick() {
    alert('you clicked me!');
}

button.onclick = handleButtonClick;
```

- Closures

  - wrap up scope so it can be used out of context

  - anything that is in scope when the function object is made is in scope when the function is called

Activity

- car_closure_activity_*.html

- Passing functions as arguments

Activity

- Factor view code out into a class called MagicalItemView

- Add an instance of the ShoppingCart class to the store

- Add a button to the MagicalItemView that when clicked adds the item to the shopping cart. (Could just console.log when item is added, don't worry about cart view for now).

- Activity / Homework

  - http://www.onlinetools.org/articles/unobtrusivejavascript/chapter4.html

  - Read http://jibbering.com/faq/notes/closures/