

# **Client-Side Web Development**

**Class 7.1**

# Today's Topics

- Introduction to JavaScript
- HTML Manipulation
- **Exercise:** Fun Facts

# **Announcements**

# Grades

# **Schedule Change**

**Any Questions?**

# JavaScript

*JavaScript* (JS), not to be confused with Java, is  
**THE** scripting language of the Web



***JavaScript*** is the one of the most widely use  
programming languages in world

# **ECMAScript and ES2015**

***JavaScript*** is the implementation on the standards of ***ECMAScript*** (ES)

***ES2015*** is a version of ECMAScript that introduced a radical shift in how to use JavaScript

# **What does JavaScript Do?**

# What Does JavaScript Do?

- HTML Manipulation
- HTML Creation
- Event Handling
- Asynchronous Data Retrieval (AJAX)

# Examples

# HTML Manipulation



***HTML Manipulation***, sometimes referred to as **DOM Manipulation**, is the act of dynamically changing the HTML with JavaScript

# HTML Manipulation

- Changing Text
- Changing Attributes and Values
- Changing Classes
- Inserting / Deleting HTML

# Examples

# **Exercise: Fun Facts**

# For next class...

- **Lab:** Shake, Rattle, and Roll