**Cajon Computer Society**

November 18 2015: 7th Meeting

Intro to JAVASCRIPT:

* Why study Javascript?
  + Javascript is one of **3 languages** all web developers must learn
  + **HTML** to define the contents of the web pages
  + **CSS** to specify the layout of web pages
  + **JavaScript** to program the behavior of web pages
* Inside which HTML element do we put the JavaScript?
  + <script>
  + <JavaScript>
  + <Java>
  + <html>
* The correct JavaScript syntax to change the content of the HTML element below?
  + <p id=”demo”>PUT YOUR EXAMPLE HERE.</p>
* Where is the correct place to insert a JavaScript?
  + Both <head> and <body> are viable sections to place the JavaScript
* What is the correct syntax for referring to an external script called “GrandBossDylan.js”?

**http://www.w3schools.com/js/js\_intro.asp**

**What can JavaScript do?**

* **JavaScript CAN CHANGE THE HTML CONTENT**

<!DOCTYPE html>

<html>

<body>

<h1>My First JavaScript</h1>

<button type="button"

onclick="document.getElementById('demo').innerHTML = Date()">

Click me to display Date and Time.</button>

<p id="demo"></p>

</body>

</html>

* **JAVA CAN CHANGE HTML ATTRIBUTES**

<!DOCTYPE html>

<html>

<body>

<h1>JavaScript Can Change Images</h1>

<img id="myImage" onclick="changeImage()" src="pic\_bulboff.gif" width="100" height="180">

<p>Click the light bulb to turn on/off the light.</p>

<script>

function changeImage() {

var image = document.getElementById('myImage');

if (image.src.match("bulbon")) {

image.src = "pic\_bulboff.gif";

} else {

image.src = "pic\_bulbon.gif";

}

}

</script>

</body>

</html>

**ALL STUDENTS MUST REACH 5% or more.**