

// WEB //

ATLS 2200 | March 28, 2016

Javascript

Used on nearly every web page

Drives the front end of interactive web development

Used to build complex web applications (ex: Gmail, Google Docs, Maps)

Lets you add interactive components

Content

● HTML



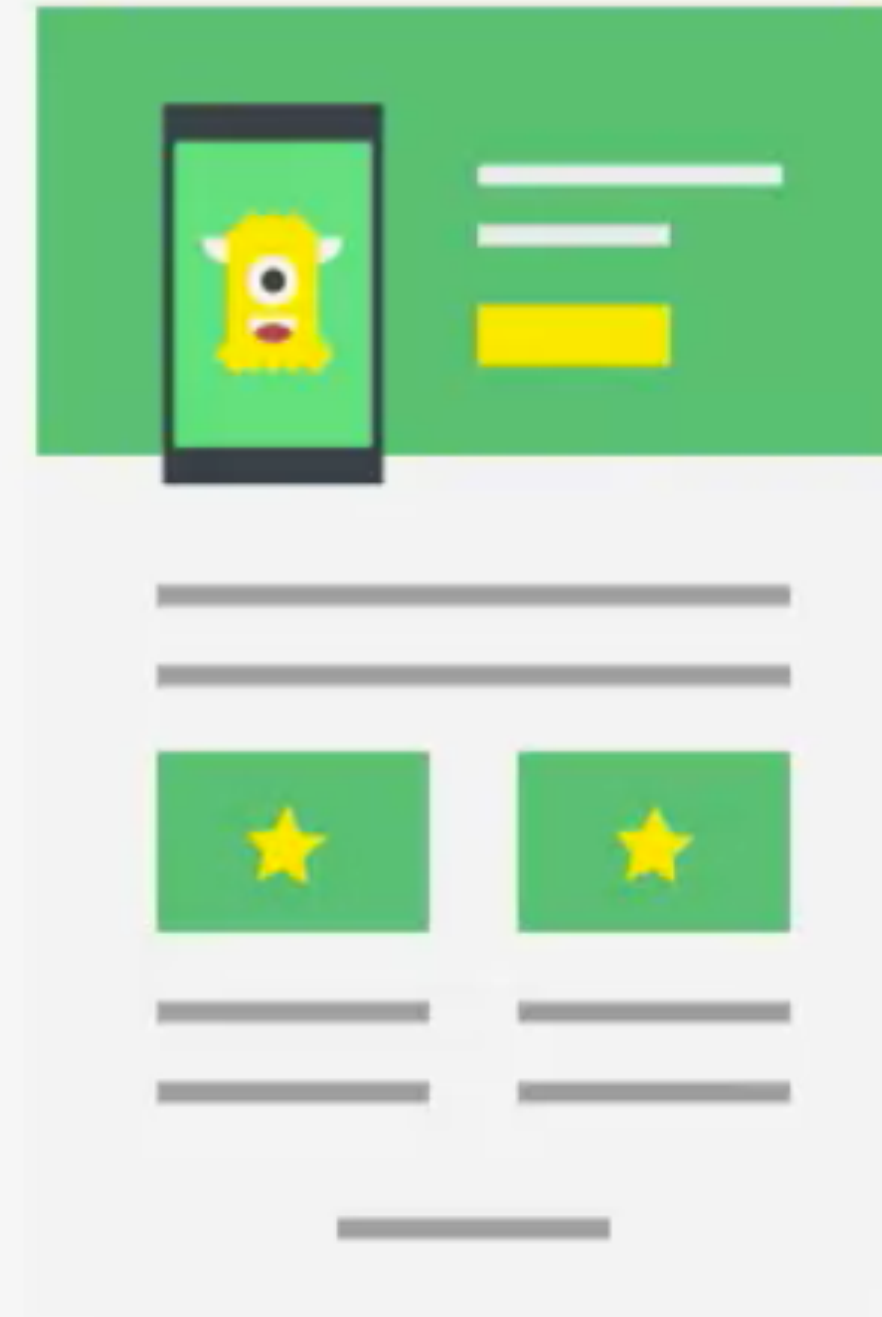
Style

● CSS



Interactivity

● Javascript



Javascript in the Browser

Javascript is a an **interpreted** language (rather than compiled)

It is interpreted by the browser

You can write Javascript other places, but we will be focusing on the browser

What we will cover

1. **Syntax** - a programming language's commands, special words and punctuation
2. **Programming Concepts** - common things in many programming languages, like variables, strings, conditional statements and functions
***you can apply these things to other programming languages*
3. **Programming Techniques** - using comments, debugging, etc.

Javascript is NOT Java!!!!!!

Adding Javascript to Your Page

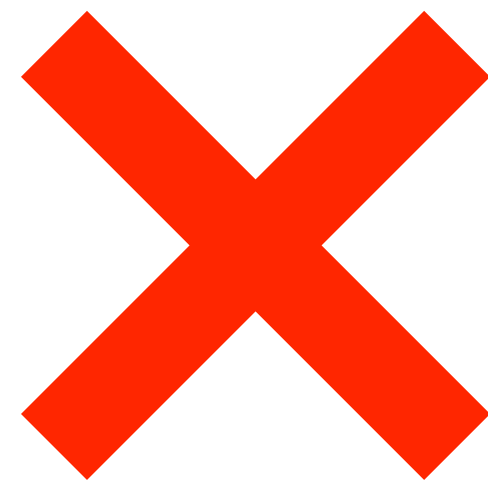
1. **External File** - files with a .js extension that contain ONLY javascript code (no html!)
link using a script tag and src attribute

```
<script src="scripts.js"></script>
```

2. Embedded - javascript written in your html page within the script tags

```
<script>  
    //javascript goes here  
</script>
```

DON'T DO THIS!!!!!!!



```
<script src =“scripts.js”>  
    alert(“here is an alert message”);  
</script>
```


Javascript Console

All popular browsers have a JavaScript console, which lists any errors that the browser's Javascript interpreter encounters.

Use the console for identifying and fixing errors.

