**What is JavaScript?**

• JavaScript is a programming language for use in HTML pages

• Invented in 1995 at Netscape Corporation (Live Script)

• JavaScript has nothing to do with Java

• JavaScript programs are run by an interpreter built into the user's web browser (not on the server)

**Where does JavaScript Fit In?**

• Recall

1. Client opens connection to server

2. Client sends request to server

3. Server sends response to client

4. Client and server close connection

**• What about Step 5?**

5. Client renders (displays) the response received from server

• Step 5 involves displaying HTML

• And running any JavaScript code within the HTML

**What can JavaScript Do?**

• JavaScript can dynamically modify an HTML page

• JavaScript can react to user input

• JavaScript can validate user input

• JavaScript can be used to create cookies (yum!)

• JavaScript is a full-featured programming language

• JavaScript user interaction does not require any communication with the server