

Unit 5:2 JavaScript

JavaScript vs Java Applets

JavaScript is a programming language for adding features to HTML pages. It only works in Web browsers.	Java applets are little mini-programs that run on a Web page.
JavaScripts can be written on any text editor.	Java applets need to be written with the Java Programming language using software.

Using the <SCRIPT> Tag

- In order to include JavaScript on your HTML document, you need to put the script between <SCRIPT> and </SCRIPT> tags.
- Script is made up of objects, methods and parameters.
- One object is document, a method is write and the parameter might be "Hello!"
- A script then would look like this:
- `document.write("hello");`

Where Does it Go?

- You would put this anywhere in your HTML document you wanted to see it appear.
- `<BODY>`
- `<CENTER> <H1 >`
- `<SCRIPT>`
- `document.write("Hello!");`
- `</SCRIPT>`

What Makes it Special?

- JavaScript can alter things that HTML cannot.
- It can use conditional statements like a programming language(=, >, <, <=, >=)
- It can declare variables.
- It can cause an action in reaction to an action taken by the user.
- It can cause rollovers

Where Can I Find Them?

- You can search the Internet for free JavaScripts.
- You can also find tutorials on the Internet if you are interested in writing your own.
- We will not spend a lot of time writing scripts in this course, but we will spend time putting scripts that are already written into our Web pages.

How We Will Use JavaScript

- The first lab on JavaScript will have you write your own script and see it work.
- The other labs will use scripts written by other authors and you will simply put them into your HTML documents and make sure they work.
- Finally, you will go out onto the Internet and find a script you like and get it to work in your Web page.