JavaScript

It’s a bit like Java
Java in a web page

- Java sandbox only has control of an area of the screen
- Java program interacts with user through that visible area
- No interaction with surrounding web page
JavaScript in a web page

- JavaScript has access to whole Web page contents and browser window
- JavaScript program interacts with user through the web page
JavaScript paradigm (1)

- The Web page just consists of JavaScript commands
- The commands create the web page contents
JavaScript paradigm (2)

- The Web page contains some JavaScript commands inside the text.
- The commands create part of the web page contents.
JavaScript paradigm (3)

- The Web page contains some JavaScript function definitions
- The HTML refers to these functions in its event handler markup
- HTML controls when the interaction takes place, but JavaScript controls what happens
Java: Principle Differences

- No sandbox
- Less bondage programming
  - Dynamic typing, not static
  - No typed variable declarations
  - Because the programming scope is limited
- Objects / methods very similar
  - Especially Strings
- No classes
JavaScript: learning the language

• This is where you RTFM
• This is also where you try it out
• This is also where you look at examples
  – See the unit web page for all the above