

























Understanding JavaScript Syntax

- · JavaScript is case sensitive
- · Ignores most occurrences of extra white space
- · Do not break a statement into several lines
- · The + symbol used in this command combines several text strings into a single text string



Working with Variables

- · A variable is a named item in a program that stores
- Most JavaScript programs use variables to represent values and text strings



Declaring a JavaScript Variable

You can declare variables with any of the following JavaScript commands:

var variable; var variable = value; variable = value;

where variable is the name of the variable and value is the initial value of the variable. The first command creates the variable without assigning it a value; the second and third commands both create the variable and assign it a value

Working with Variables and Data

- JavaScript variable types:
 - Numeric variables
 - String variables
 - Boolean variables
 - Null variables
- · You must declare a variable before using it



Working with Variables and Data

- Numeric variable- any number, such as 13, 22.5, etc.
 - Can also be expressed in scientific notation
- · String variable- any group of text characters, such as "Hello" or "Happy Holidays!"
 - Must be enclosed within either double or single quotations (but not both)
- Boolean variable- accepts only true and false values
- · Null variable- has no value at all



Working with Variables and Data

- · JavaScript is a weakly typed language
- The + symbol can be used with either numeric values or text strings

var total = 5 + 4;

var emLink = "cadler" + "@" + "mpl.gov";





















