Web Programming
152-150

JavaScript Basics

10 points

Preparation: Get a copy of the Unit 8 Assignment Start folder from: the I: drive, SkyDrive or the course web site. Complete the following.

1. In window.onload, use innerHTML to change the <h1> title tag's text to: *JavaScript Control Structures Test Document.* Test.

   Note this title will disappear when you start testing questions 2 and 3 below.

2. Add JavaScript to the textQuestion2 function in basics.js that creates an unordered list where each list item contains a number and a message that designates the number as either even or odd. The list should contain the numbers from 1 to a number entered by the user.

   Example:
   - 1 is odd
   - 2 is even
   - 3 is odd

3. Add JavaScript to the textQuestion3 function in basics.js that repeatedly prompts the user to enter the name of a Halloween character: ghost, bat or witch. If you wish, you may substitute your own characters for ghost, bat, witch but Unit 9 will require that you have images for those characters. Count the number of occurrences of each character. The user should be prompted to enter only one character at a time. If the user enters a character that is not on the list (or misspells a character name), count that as "unknown". Have the user enter the word "done" when there are no more characters to enter.

   Display the count of each of the characters (including unknown) in an attractive manner. Handle singular/plural values properly.

Submit the completed Unit 8 folder to your instructor for grading.