Assignment 1 - JavaScript Refresher …. Why JavaScript … Variables, Strings, Arrays

Due Wednesday, May 15, 2013

For this assignment, please note that <u>NO jQuery</u> may be used. You must write everything in core JavaScript

1) Write a JavaScript program that prints a welcome message in a large blue font. Check to see if JavaScript is enabled. Use comments to explain what you are doing.

2) Create a JavaScript program that will print "Hello, world! Isn't life great?" in an Arial bold font, size 14, and make the background color of the screen light green.

3) Create a script that uses the three primitive data types and prints output for each type. In the same script, print the following: She cried, "Aren't you going to help me?"

4) Write a script that contains four variables in the head of the document: The first one contains your name, the second contains the value 0, the third one is declared but has no value, and the last contains an empty string. In the body of the document, write another script to display the type of each (use the type of operator).

5) Create a JavaScript program that prompts the user for a phone number and then asks the user for confirmation.

6) Ask the user for a Fahrenheit temperature, and then convert it to Celsius. Formula for conversion: C = 5/9(F – 32).

7) Create a while loop that displays numbers as: 10 9 8 7 6 5 4 3 2 1. Put the numbers in HTML table cells

8) Ask the user what the current hour is. If the hour is between 6 and 9 a.m., tell the user, "Breakfast is served." If the hour is between 11 a.m. and 1 p.m., tell the user, "Time for lunch." If the hour is between 5 and 8 p.m., tell the user, "It's dinner time." For any other hours, tell the user, "Sorry, you'll have to wait, or go get a snack."

9) Ask the user for the name of the company that developed the JavaScript language. Alert the user when he or she is wrong, and then keep asking the user until he or she gets the correct answer. When the user gets it right, confirm it.

10) Write a program that reads five integers and determines and outputs text that displays the larges and smallest integers in the group.

11) Write a script that takes three integers from the user and displays the sum, average, smallest, and largest of the numbers in an alert dialog.