Homework 5

Due Sunday at midnight

1. Write an html page with a javascript that uses document.write to create a paragraph.
2. Create a new javascript that has 2 variables: your first name in the first variable, and your last name in the second variable. Now use document.write to write a paragraph with, "Hi, my first name is Joe and my last name is Smith", using your variables (replace Joe with your first name and Smith with your last name).
3. Create a javascript that has 1 variable. Use document.write to print out that variable's value in a paragraph. Now change the value in the variable to something else (use the same variable). Use document.write to print out the variable's new value.
4. Create a new javascript. Use a variable and the prompt box to ask the user, "what is your sign?". Then use document.write to print out what the user entered in a paragraph.
5. Write a web page with a javaScript that uses a prompt to ask the user their weight in pounds and a variable to hold what the user types in. It uses a second prompt and variable to ask the user to enter their height in inches. It uses a third variable to hold the user's bmi, calculated as follows: weight multiplied by 703, divided by height times height. Use document.write to write out the user's bmi.
6. Extend problem 5 by adding the following feedback: If the bmi is 30 or greater, the script should write a paragraph that says, "Your weight is considered to be unhealthy." Otherwise if the bmi is 25 or greater, write a paragraph that says, "You are currently considered to be overweight." Otherwise if the bmi is 18.5 or over, write a paragraph that says, "Your weight is considered normal and healthy". Otherwise, write a paragraph that says, "You are considered underweight.
7. Write a javaScript that generates a random number between 1 and 6. It uses that random number in a document.write to write a header of that size (e.g., <h1>,<h2>, etc.))
8. Write a javaScript that generates a random number between 1 and 300 for the width. It then generates a second random number between 1 and 300 (for height). It then uses document.write to put an image on the web page, with the width being the random number generated for width, and the height being the random number generated for height.