1. Why was LiveScript renamed JavaScript even though its functionality had nothing to do with Java?
2. Write a line of code to initialize a variable for a dog named Fido with a weight of 22 lbs.
3. Write the HTML syntax for a blank web page with a title of “Chapter 1” for use as a wrapper for JavaScript.
4. Write a while loop that will scoop 3 scoops of ice cream for me. Output the results to the browser.
5. Write a while loop that will scoop 3 scoops of ice cream for me and will let me know when I have run out of ice cream. Output the results to an alert window.
6. Explain the fundamental differences between output to the browser, to an alert window, and to the console. When would it be best to use each function? Show me an example in code of each function.
7. What is the Document Object Model used for in JavaScript?
8. What does this code do? setTimeout (wakeUpUser, 4000);
9. Write a line of code that will calculate the radius of a circle. (Area = PI \* Radius Squared)
10. Explain how JavaScript works and fits into the web page ecosystem.