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Javascript Course: Chapter 8 Lab Exercises

- 1) Create a new HTML document with the basic document structure. In the body, insert a set of script tags with the appropriate attributes so that you may insert Javascript in to the document. Correct Browser Output:
- 2) Declare a variable called poem in the Javascript.
- 3) Using concatenation add the following text to poem. Use
 tags at the end of each line to create line breaks.

*With Rue My Heart Is Laden
For Golden Friends I Had
For Many a Rose-Lipped Maiden
And Many a Light-Foot Lad*

*By Brooks To Broad For Leaping
The Light Foot Boys are Laid
The Rose-Lipped Girls are Sleeping
In Fields Where Roses Fade*

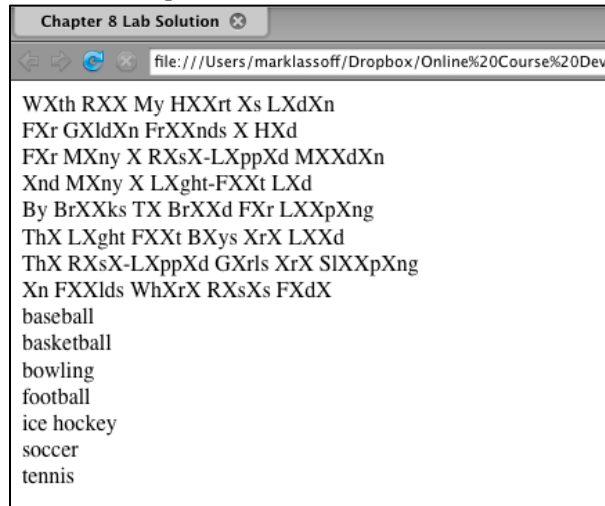
- 4) Create a loop to iterate through the string one letter at a time. Create a new string variable and within the loop access each character in the poem—from the first character to the final character.
- 5) While in the loop if the character is a vowel, replace it with an X and add that character to the new string. If the letter is a consonant, simply add it to the new string.
- 6) Output the poem with the changes made by the loop. It should output like this:

WXth RXX My HXXrt Xs LXdXn
FXr GXldXn FrXXnds X HXd
FXr MXny X RXsX-LXppXd MXXdXn
Xnd MXny X LXght-FXXt LXd

By BrXXks TX BrXXd FXr LXXpXng
ThX LXght FXXt BXys XrX LXXd
ThX RXsX-LXppXd GXrls XrX SlXXpXng
Xn FXXlds WhXrX RXsXs FXdX

- 7) Create a new variable and assign it the value "tennis,ice hockey,basketball,football,soccer,bowling"
- 8) Using the correct String method convert the string in to an array with each sport occupying an array index.
- 9) Sort the array alphabetically and output the array by looping through it.

Correct Output:



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WXth RXX My HXXrt Xs LXdXn
FXr GXldXn FrXXnds X HXd
FXr MXny X RXsX-LXppXd MXXdXn
Xnd MXny X LXght-FXXt LXd
By BrXXks TX BrXXd FXr LXXpXng
ThX LXght FXXt BXys XrX LXXd
ThX RXsX-LXppXd GXrls XrX SIXXpXng
Xn FXXlds WhXrX RXsXs FXdX
baseball
basketball
bowling
football
ice hockey
soccer
tennis
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