**Jonathan Beuzelin**

Halloween quiz

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# Overview

This quiz was for practicing arrays and implementing in for loops to create a prompting quiz which would keep track of your score, keep a track of your correct questions and wrong questions and then display them to you at the end of a quiz with a prize.

Goals

1. **To practice accessing arrays:** This project allowed me to try some beginner level JavaScript and put it into a fun interactive experience.
2. **To practice using for loops and conditional statements:** A quiz is full of different variables which makes it great for experimenting with these and helping me practice.

# Details

The majority of this project is JavaScript based as the program goes through a for loop and then uses a function to print to the document.

It starts with the for loops with the variable i set to zero and then the condition is if i is less than the length of the question array it adds one and then loops through again.

It prompts the question and then converts the response into a lowercase using .toLowerCase to make sure that if a user types in caps or any other variation, it then can match the answers i have set in the array which is set to [i][1] while the questions are set to [i][0]

If a response equals the answers variable it then adds one point to the score and pushes the question to the correct array while the else condition pushes the wrong questions to the wrong array.

Once the questions have been answered and the score and the arrays that have been pushed are complete the JavaScript proceeds to run its functions of print and listBuilder.

Print uses the HTML tags in the Javascript, uses the buildList function to list the correct questions answered and the wrong questions answered telling you what your score is and then follows the if statements to tell you what prize via image that you received and prints it to the page using the document.getElementById(‘output’) to the target div with the same id.

# What i learnt

I really enjoyed this project as i learnt using the for loops to iterate through the array and the problem solving aspect that come through it allowing me to really use the console to debug any errors i might of had with the script and using extensive if and else statements.

Learning more JavaScript file structure such as declaring variables and where to put functions to make a cleaner and more readable page as well as learning more about arrays and the ways they can be used.

I see this as a jumping off points for learning objects which i have already begun learning.

# What i would improve

Although i love this project it is very basic in terms of its functionality and style as in that everything is done from the prompt and there's no user interactivity on the actual page itself, so i would be looking to have the questions perhaps fade in, in big bold font that would offer a input box or maybe multiple choice with click events and then fade out and loop to the next question with an animated background which i would learn to implement.

Thank you for reading,

Jonathan Beuzelin

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