Hello, Mr. Brown:

Thank you for this opportunity. Here’s a little explanation of my process.

I usually start all assignments with a rough statement of the objective (in my own words). It’s a way to make sure I really understand my goal. The way I like to teach programming is explaining that it’s like teaching how to make scrambled eggs. Once I write the goal, I list the ingredients and the tools I’ll need. In this case:

A string variable containing the U.S. constitution

A function to parse the preamble according to the rules

Some regex for specifying the rules

3 counter variables to count the words that fit the specifications

A string variable for displaying the results

Frankly, it was funny that this test was a regex exercise. Because I always joke with a programmer friend of mine about how we always have to look up the symbols for them. “They’re hard to remember, unless you’re constantly using them.” So, I looked up the symbols for the specifications. I also wrote some rough pseudo code of what the program would probably look like. I understood that I was going to loop through each word to check those rules. I also knew that I would use an if statement to count the words. I was originally thinking that I would have to execute a split, specifying the spaces and punctuations. But I caught on that I could just use /\W+/ to get my array of words (“Google is your friend”). I documented my code as I wrote it. I hope I didn’t under do it. I used “js.do” for my initial coding of the JavaScript. It’s a quick way to check to see if you have code that actually works. I coded in some “alert” methods, because rules 2 and 3 weren’t working. My error was putting the $ before the “e”, instead of after. After getting it right, I modified my boilerplate html and pasted in my JavaScript code in an external file. I was taught that it’s always best to keep things separated. I didn’t do any styling because the test was on my programming skills and I wanted you to get this to you ASAP.

Thanks again, Mr. Brown. I appreciate you giving me your time and consideration. I look forward to hearing from you. Have a great day!

Sincerely,

Kirk