**Brett Snyder**

As you look back on this semester, please take a moment to reflect on your experience, recognizing the challenges, successes, and all that you've learned along the way.

Please respond thoroughly to the following questions (likely about 1-2 paragraphs each).

1. What is one program you wrote that you were particularly proud of during this course? Why were you proud? Explain.

I had a lot of fun with several word game scripts. The one script I was most proud of was the Week 10 Shopping Cart (prove10\_bretts.py).   
  
Breaking it into functions made it easier for me to focus on each feature. Sub-feature functions made the code less repetitive. Each menu item was able to print clearly without creating a long list.

Secondly, I spent time making this bulletproof. All errors were handled so the script would not break.

1. How might you use the skills you learned in this course in the future? This might include skills such as programming, problem-solving, debugging, etc.

I have spent a lot of time in HTML/CSS but have always lacked scripting skills. JavaScript is still a hurdle even though I was able to generally understand NEXTjs.   
  
I absolutely loved this class as a starting point for a foundation of coding. Variable assignments, loops, conditions, and functions all make more sense now. I am stronger with lists. Overall, I am feeling more confident with problem-solving – but have a long way to go.

1. Describe an experience from this class that has given you confidence that you can learn new programming skills in the future.

I would say certainly tackling functions early on has given me confidence as that was a stumbling block for me. Understanding returns as a replacement for the function -> assigning that return to a variable. Passing in values via arguments and parameters. And the simple fact that the variables of the function are scoped to the function. Placing the functions at the top as a template. I had no idea before this class! This is my biggest takeaway.  
  
And secondly making a script bullet-proof would be a goal. There is satisfaction in knowing the script cannot break.