**Final Questions:**

I created a general html outline and copied/pasted the code from assignments to include my name, problem statement, nouns, verbs, input, output, pseudocode, and testing. I started with my original problem statement; however, I’ve had a little trouble building out the entire statement. I am part way and have things working but not as I had hoped.

Here is where I need help:

1. My first “document.write” display has an indent – not sure where this is   
   coming from.
   1. Answer: Question 1 - Remove the <pre></pre> tag that surrounds the <script> tag.  Then you will have to add /n carriage returns in your document.write to format the output on the lines that you want to display.
2. How do I add a switch statement to a while loop? To get started, I used a while loop that allowed for the user to enter a word. However, since there isn’t a case statement added yet, nothing defines what the user enters.
   1. Or is there a better way to define/limit what the user can enter in the prompt? I wanted to be sure to account for errors as well as find a way to convert the month to the correct birthstone. I’m a little stumped on this part.
   2. Answer: Question 2 - You need to put the switch or IF/ELSEIF/ELSE statement inside your FOR statement to process each input and assign a cost at each iteration.  You grab the month from the element in the array base on the index of the loop then figure out new cost.  You need to keep a running total inside the loop like TotalCost = TotalCost  + NewCost.
3. Last, I originally had wanted to have a prompt to select a necklace or a ring. I think if I can get help figuring out how to get the switch statement working (or however I need to add the months), then I might be able to figure out how to add an option to select a type of jewelry.
   1. Answer: Question 3 - Use a parallel array.

jewelry = []  
gemstones = []  
prices = [100, 150, 200, 50, 75]  
j\_names = ["Ring", "Necklace", "Earrings", "Bracelet", "Anklet"]  
g\_names = ["Diamond", "Ruby", "Emerald", "Sapphire", "Pearl"]  
i = 0

while (i < prices.length) {  
  jewelry.push(j\_names[i])  
  gemstones.push(g\_names[i])  
  i++  
}

total\_cost = 0  
for (i = 0; i < jewelry.length; i++) {  
  document.write(`${jewelry[i]} with ${gemstones[i]} - $${prices[i]}<br>`)  
  total\_cost += prices[i]  
}

 document.write(`<br>Total Cost: $$ليق{total\_cost}`)

Use prompts to populate j\_names and g\_Names