**Module 4 Critical Thinking: Option 1**

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CSC320-1

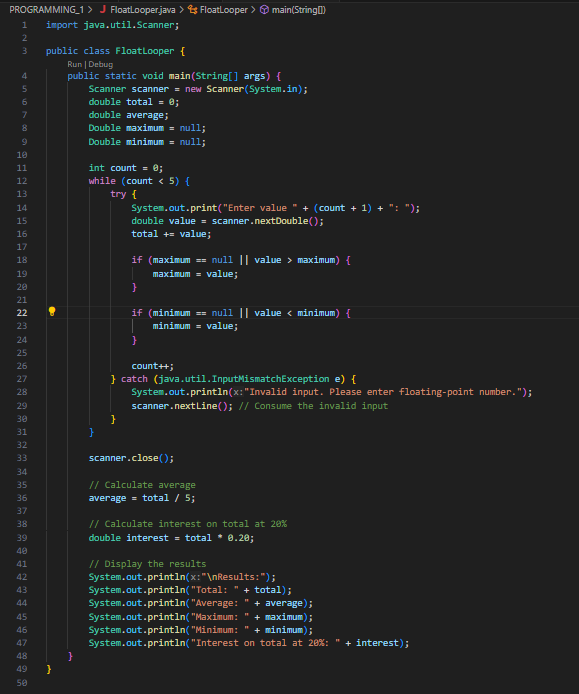
Dr. Schwartz

9/10/2023

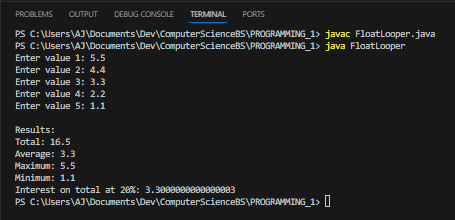
**Pseudo Code**

1. Set the scanner to read user input
2. Initialize total = 0
3. Declare average, maximum as null, and minimum as null
4. Set count = 0
5. While count < 5
   1. Print “Enter value ” + (count + 1) + “: “
   2. Try
      1. Read user input as double
      2. Add user input value to the total
      3. If maximum = null or user input value > maximum
         1. Set user input as the maximum
      4. If minimum = null or user input value < minimum
         1. Set user input as minimum
      5. Add 1 to the count
   3. Catch the input mismatch exception
      1. Print “Invalid input. Please enter floating-point number.”
      2. Consume the invalid input
6. Close the activated scanner
7. Calculate the average by dividing the total by 5
8. Calculate 20% interest on the total by multiplying the total by 0.20
9. Print the resulting total, average, maximum, minimum, and interest

**Source Code**

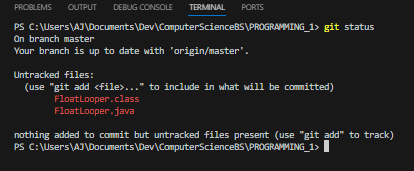


**Executing the Application**

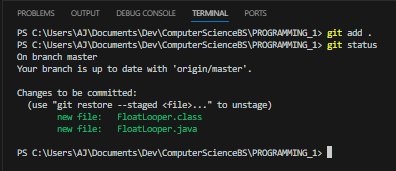


**Git Repository**

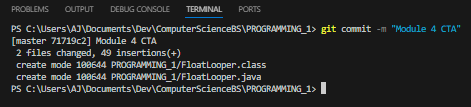
**Git Status**

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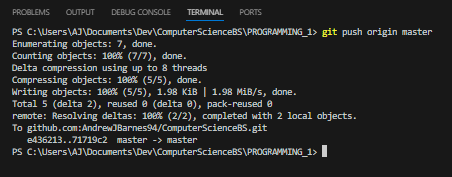
**Git Add**

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**Git Commit**

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**Git Push**

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**GitHub Repository**

[**ComputerScienceBS/PROGRAMMING\_1/FloatLooper.java at master · AndrewJBarnes94/ComputerScienceBS (github.com)**](https://github.com/AndrewJBarnes94/ComputerScienceBS/blob/master/PROGRAMMING_1/FloatLooper.java)