**Module 3 Critical Thinking: Option 1**

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CSC320-1

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**Pseudo Code**

1. Initialize input scanner

2. Prompt the user: "Enter your weekly income: $"

3. Read income as a double

4. Initialize variable taxRate as double

5. IF income < 500 THEN

5.1. SET taxRate to 0.10 (10%)

6. ELSE IF income < 1500 THEN

6.1. SET taxRate to 0.15 (15%)

7. ELSE IF income < 2500 THEN

7.1. SET taxRate to 0.20 (20%)

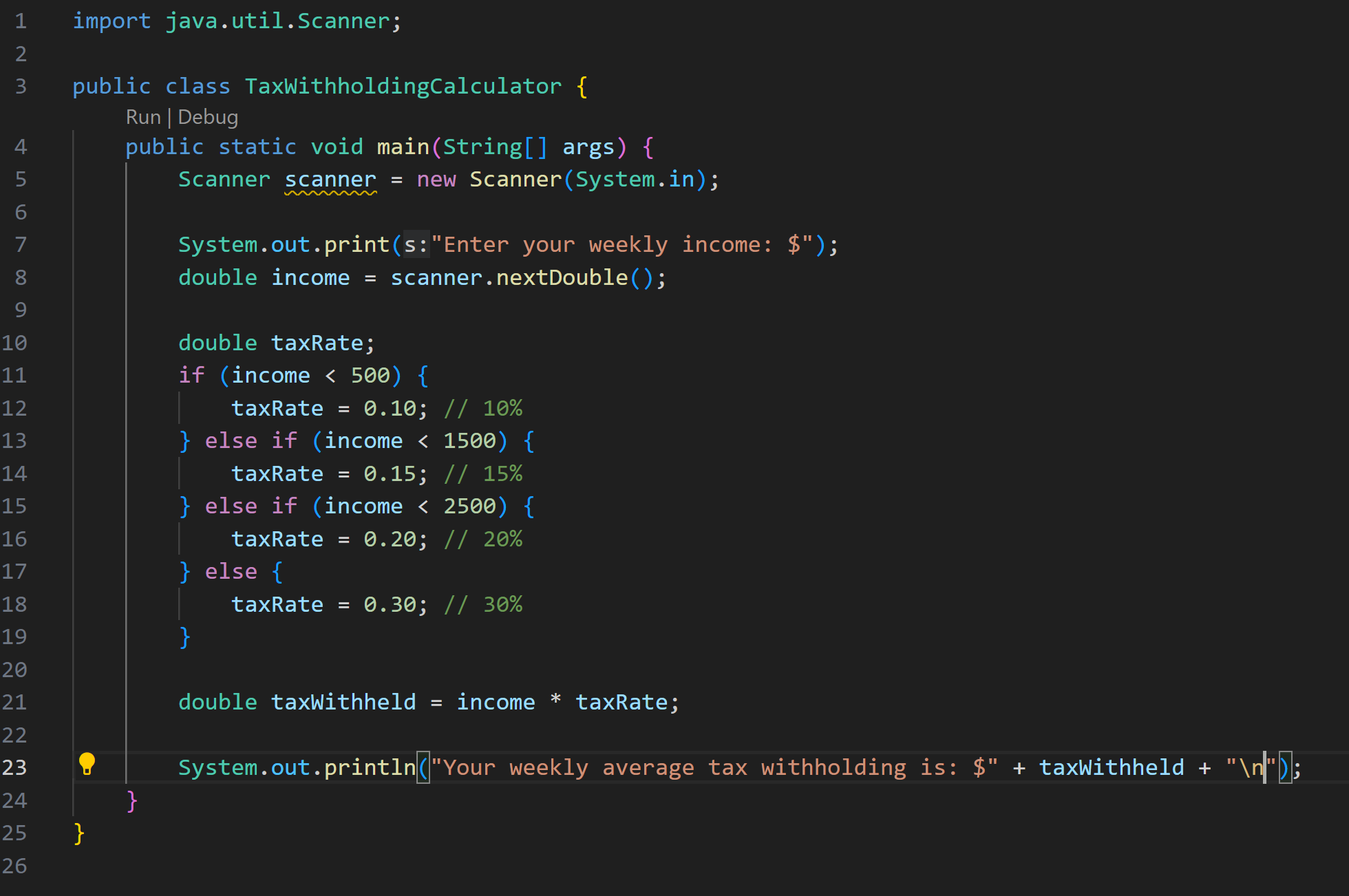
8. ELSE

8.1. SET taxRate to 0.30 (30%)

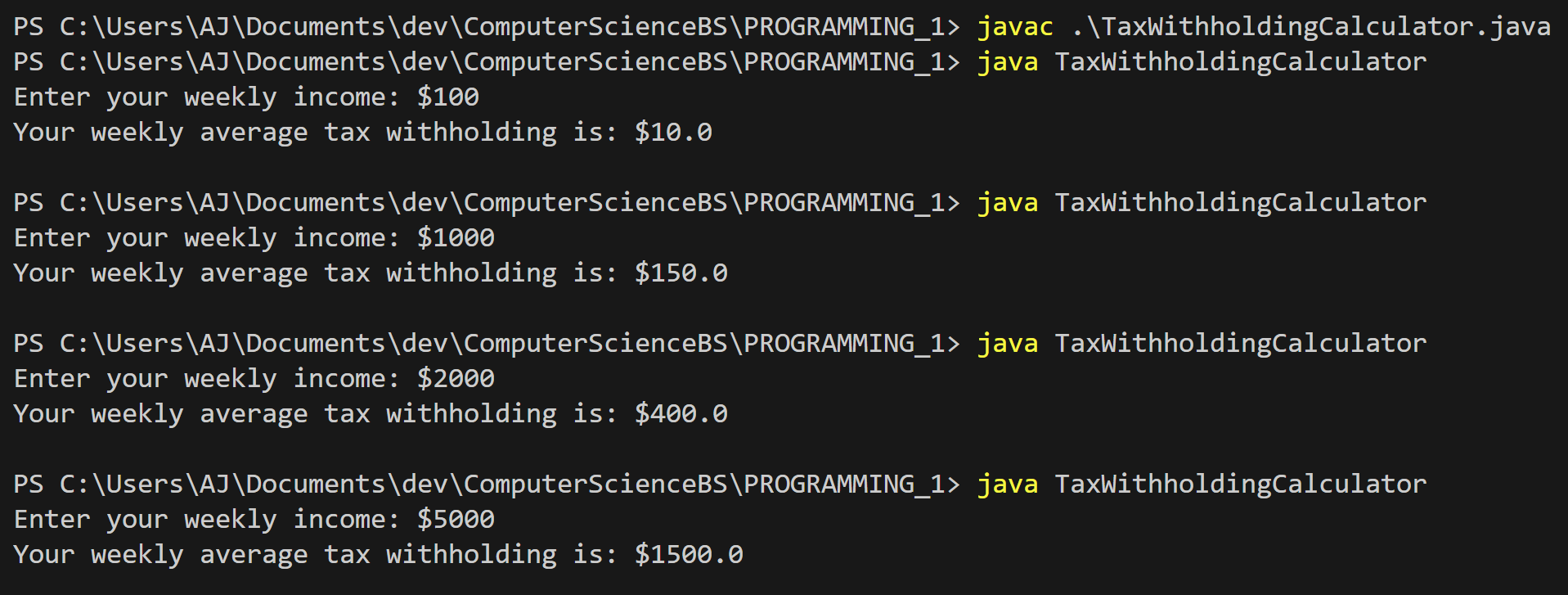
9. Calculate taxWithheld as income multiplied by taxRate

10. Output: "Your weekly average tax withholding is: $" + taxWithheld

**Source Code**

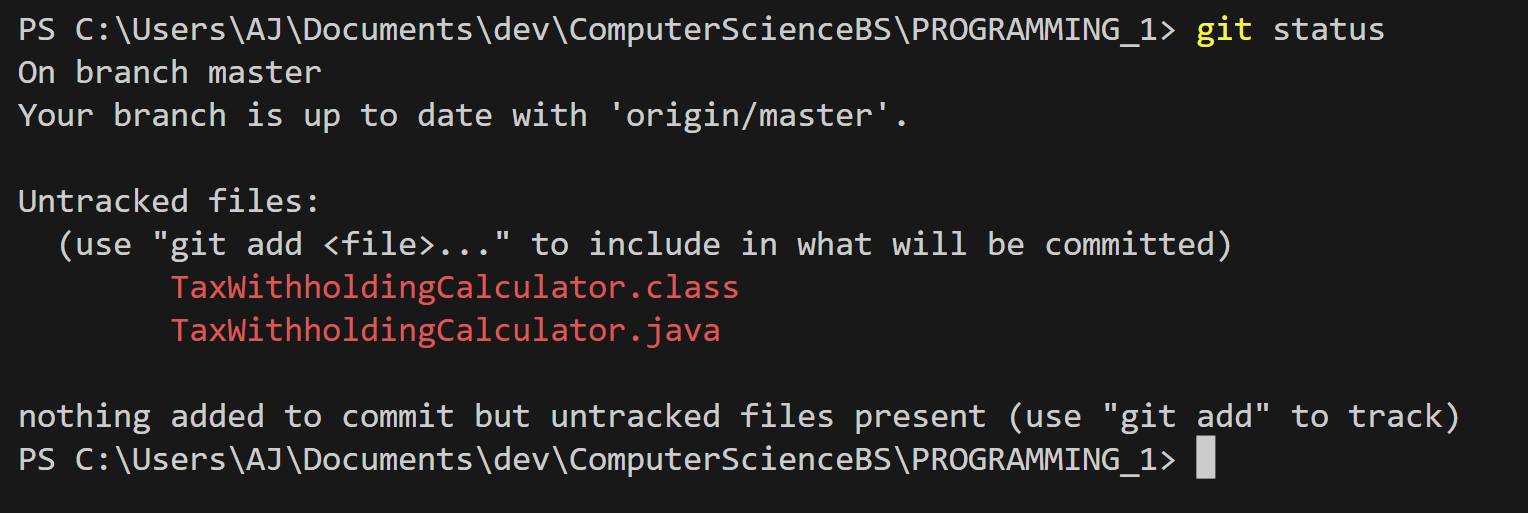


**Executing the Application**

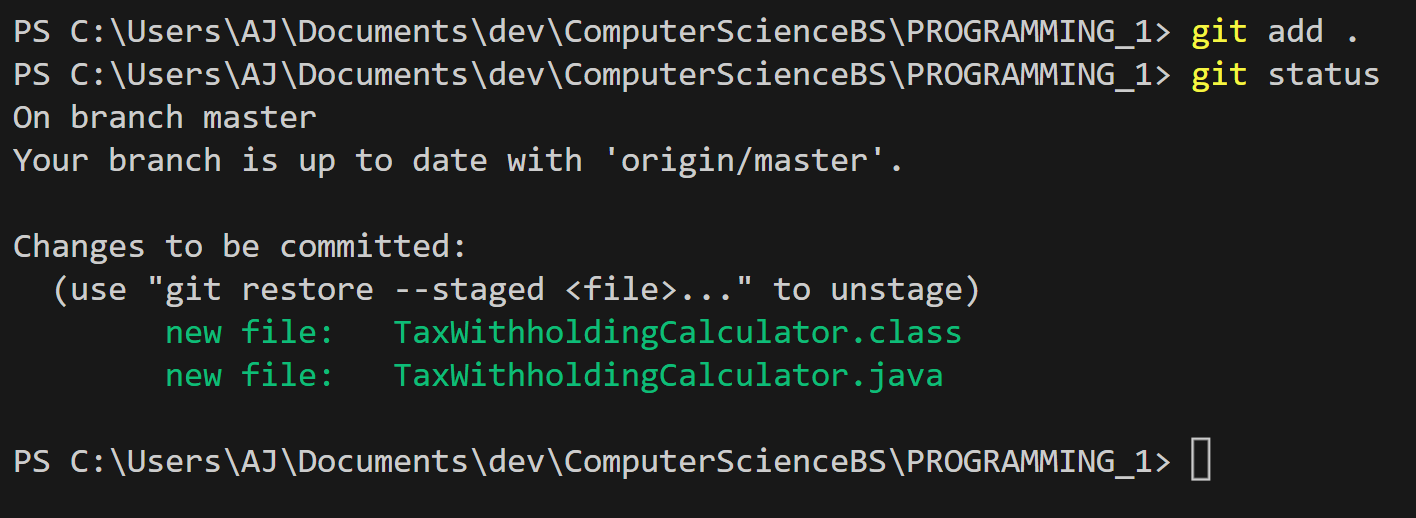


**Git Repository**

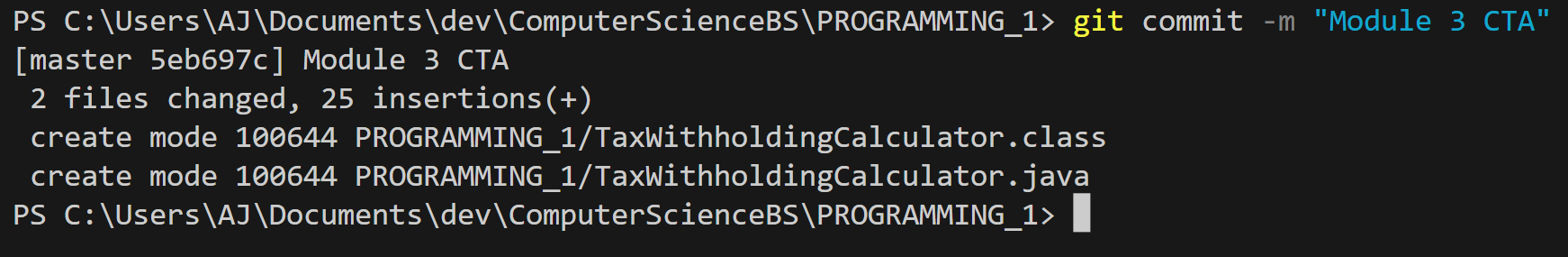
**Git Status**

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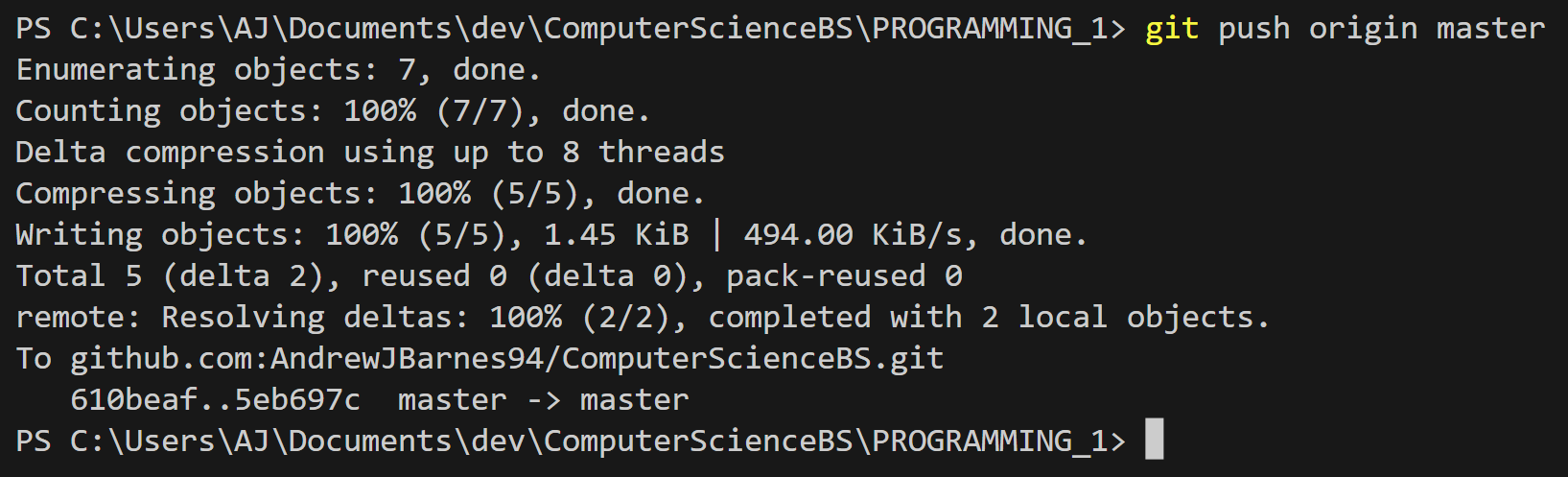
**Git Add**

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**Git Commit**

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**Git Push**

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**GitHub Repository**

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