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Lab 1a Part 1-2

CS/IS 151

**PSEUDOCODE**

**Part 1**

Display “Enter the sales tax rate percentage:”

Input the taxRate

Display “Enter the price of the item before sales tax:”

Input the itemPrice

Calculate salesTax = (itemPrice \* (taxRate /100))

Calculate totalRetailPrice = (itemPrice + salesTax)

Display “The sales tax for this item is:”, salesTax

Display “The total retail price of this item is:, totalRetailPrice

*I’m just doing the pseudocode two different ways. Bottom one seems more efficient to me. Hopefully it’s not an issue. If not, I’ll continue to do it that way. My previous professor for intro to java wanted detailed step by step like above (yet said it shouldn’t be detailed and free hand then marked off other students, confusing). I spent more time designing the pseudocode than coding and not in a good way (adjustments to the pseudocode after the coding was complete).*

**Part 2**

Ask user for and input beginningBalance

Ask user for and input monthlyDeposits

Ask user for and input monthlyWithdrawals

Ask user for and input monthlyInterestRate as a percentage

Calculate preInterestBalance = (beginningBalance + monthlyDeposits - MonthlyWithdrawals)

Calculate interestEarned = preInterestBalance \* (monthlyInterestRate /100)

Calculate endMonthlyBalance = preInterestBalance + interestEarned

Display “The ending balance is : “, endMonthlyBalance