**CSE 465/565**

**Spring 2023**

**Homework #4**

**100 points**

*A Scheme file titled hw4.scm is provided for you. Complete the functions in that file. Use the function names exactly as they appear in the file. Read the comments in hw4.scm for a description of what these functions should do. Include a function definition for each function, even if you do not complete it. You can add your own helper functions. Partial credit will be given for partial solutions.*

*You can run your program*

*(1) using BiwaScheme on replit.com or the* [*BiwaScheme interpreter*](https://www.biwascheme.org/) *or*

*(2) on* ceclnx01 *using the following command:*  
  
 scheme48 < hw4.scm

*Submit your file (hw4.scm) to Canvas.*

*For each exercise, you will see the points in parenthesis.*

1. (5) circleArea
2. (5) isSquare
3. (10) power
4. (10) avg
5. (10) tax
6. (10) threeDigitsOnly
7. (10) getUnitPrice
8. (10) getProv
9. (10) isProfitPos
10. (10) getSummary
11. (10) getDatesSummary