COMP 1100 Homework 12 – Excel

Name	Date

For this assignment you will complete the following exercise in Excel (from Labyrinth Learning).

The Classic Cars management team is considering a Rewards & Rebates program for members. In this exercise, you will build a financial model with various inputs that will help them make informed decisions.

Tasks

1. Download Rebates.xlsx from http://faculty.otterbein.edu/dstucki/COMP1100/Rebates.xlsx.

2. If the workbook opens in protected view (yellow bar across the top), click Enable Editing.

3. In the Rebates & Rewards sheet, use Autofill to create a sequential list of Member #s starting with cells A9 and A10 and continuing down to cell A21.

4. Copy the Member #s in the range A9:A21 and paste them into the same cells in the Car Values sheet.

5. In cell K9 in the Car Values sheet, use a formula with cell references to subtract the Original Value from the Current Value: (Current Value – Original Value).

6. In cell K9, apply the Accounting number format and decrease the decimals to zero (no decimals displayed).

7. Copy the formula down to the range K10:K21.

8. In cell C4, use the MAX function to determine the greatest appreciation in the range K9:K21.

9. In cell C5, use the MIN function to determine the least appreciation in the range K9:K21.

10. In cell C6, use the AVERAGE function to determine the average appreciation in the range K9:K21.

11. In cell C4 of the Rebates & Rewards sheet, use the COUNT function to count the Member #s in the range A9:A21.

12. In cell C5, create the cell name: Reward

13. In cell I9, use a formula to multiply the Contract Years (cell H9) by the Reward (Each Year) (cell C5): (Contract Years * Reward (Each Year)). In your formula, use a cell reference to cell H9 and the cell name Reward to reference cell C5.

14. Copy the formula down to range I10:I21.

15. In cell K9, use a formula with cell references to multiply the Merchandise Purchases (cell J9) by the Merchandise Rebate % (cell C6): (Merchandise Purchases * Merchandise Rebate %). Use an absolute cell reference to the Merchandise Rebate % in cell C6.

16. Copy the formula down to the range K10:K21.

17. In cell L9, use a formula with cell references to add the Contract Reward (I9) to the Merchandise Rebate (K9): (Contract Reward + Merchandise Rebate).

18. Copy the formula down to the range L10:L21.

19. In the range I22:L22, use AutoSum to create column totals.

20. In cell C5, enter 50 as the Reward (Each Year), and in cell C6, enter 30 as the Merchandise Rebate %. Feel free to enter other numbers in cells C5 and C6 if you want to do some what-if analysis, but when you're finished, make sure you have 50 in cell C5 and 30 in cell C6 if you want to get credit for this step.

21. Save the file and email it to prof. stucki…