

column by \$20,000.00 until the lowest ending balance in cell F18 is greater than zero. Decrement all 12 values in column D the same number of times. Your worksheet is correct when the lowest ending balance in cell F18 is \$39,361.00. Update the worksheet header and save the workbook. Print the worksheet. Submit the assignment as specified by your instructor.

Lab 3: Expand Your World: Cloud and Web Technologies

Using the Excel Web App

Problem: You want to create an estimate of the cost for attending your college for four years. You decide to create the worksheet using the Excel web app so that you can share it with your friends online.

Instructions: Perform the following tasks:

1. Sign in to your Microsoft account on the web and run the Excel web app. Create a blank workbook. In the first worksheet, use row headings for each year of college (Freshman, Sophomore, Junior, and Senior). For the column headings, use your current expenses (such as car payment, rent, tuition, and so forth). Enter estimates for each year based upon estimates you find by searching the web. Include totals for each column. Also include highest, lowest, and average values for the columns. Using the techniques taught in this chapter, create appropriate titles and format the worksheet accordingly. Submit the assignment as specified by your instructor.

Consider This: Your Turn

Apply your creative thinking and problem solving skills to design and implement a solution.

1: Analyze Energy Consumption

Personal

Part 1: Your parents believe that your late-night studying sessions and household appliance usage contribute to excessive electricity bills. You have decided to try to prove them wrong by analyzing your monthly electricity consumption. You research the energy consumption of your personal items and appliance usage to obtain consumption costs per hour for each item. Table 2–8 contains the data and format for the report you will create. Use the concepts and techniques presented in this project to create and format the worksheet.

Table 2–8 Appliance Electricity Usage Costs

Appliance	Cost per Hour	Hours Used Monthly	Total Cost per Month (30 Days)
Clothes dryer	\$0.447	20	
Computer	\$0.08	150	
Blu-ray player	\$0.061	100	
Light bulbs	\$0.056	160	
Sound system	\$0.05	180	
Television	\$0.08	90	
Washing machine	\$0.06	30	