Chapter 1 Exercise 18:

Tom and Jerry opened a new lawn service. They provide three types of services: mowing, fertilizing, and planting trees. The cost of mowing is $35.00 per 5,000 square yards, fertilizing is $30.00 per application, and planting a tree is $50.00. Write an algorithm that prompts the user to enter the area of the lawn, the number of fertilizing applications, and the number of trees to be planted. The algorithm then determines the billing amount. (Assume that the user orders all three services.

1. Enter mowing services in sets of 5,000 square yards.
2. Enter number of fertilizer services, per application.
3. Enter number of trees planted.
4. Calculate Bill.

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Chapter 2 Program Exercise #20:

For each used car a salesperson sells, the commission is paid as follows: $20 plus 30% of the selling price in excess of the cost of the car. Typically, the minimum selling price of the car is the cost of the car plus $200 and the maximum selling price is the cost of the car and $2,000. Write a program that prompts the user to enter the salesperson’s fixed commission, the percentage of the commission, the purchasing cost of the car, the minimum and maximum amount to be added to the purchasing cost to determine the minimum and maximum selling price, and outputs minimum and maximum selling price of the car and the salesperson’s commission range.

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