Chapter 4 Programming Exercise #4 - This program is worth 30 points.

**Distance Traveled**

The distance a vehicle travels can be calculated as follows:

distance = speed x time

For example, if a train travels 40 miles per hour for three hours, the distance traveled is 120 miles.

Write a program that asks the user for the speed of a vehicle (in miles per hour) and the number of hours it has traveled.

It should then use a loop to display the distance the vehicle has traveled for each hour of that time period.

**Here is an example of the desired output:**

What is the speed of the vehicle in mph? 40 (enter key)

How many hours has it traveled? 3 (enter key)

Hour Distance Traveled

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1 40

2 80

3 120