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Short Answer 1, 2, 3, 4

Debugging Exercise 1, 2, 3

Programming exercise

The distance a vehicle travels can 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. Design a program that asks the user for the speed of vehicle (in miles per hour) and how many hours it has traveled. It should then use a loop display the distance the vehicle has traveled for each hour of that time period. Here is an example of the output:

What is the speed of the vehicle in MPH?   40 [enter]

How many hours has the vehicle traveled?   3 [enter]

Hour	Distance traveled
1	40
2	80
3	120

You should validate your entry for negative values (if the user will enter a negative value, the program should output an error message and keep asking for a correct value)

After making sure that your code works perfectly, insert your code within a menu driven code that will allow you to choose to run the code again and again until you chose to exit. (You have two option in your menu as explained in the classroom)

1-Run

2-Exit