**Programming Exercise 2-5**

# Variables to hold the distances.

distance6Hours = 0.0

distance10Hours = 0.0

distance15Hours = 0.0

# Constant for the speed.

SPEED = 70

# Calculate the distance the car will travel in

# 6, 10, and 15 hours.

distance6Hours = SPEED \* 6

distance10Hours = SPEED \* 10

distance15Hours = SPEED \* 15

# Print the results.

print ("The car will travel the following distances:")

print (distance6Hours,"miles in 6 hours.")

print (distance10Hours,"miles in 10 hours.")

print (distance15Hours,"miles in 15 hours.")

Start

Declare Real distance6Hours, distance10Hours, distance15Hours

Constant Real SPEED = 70

Set distance6Hours = SPEED \* 6

Set distance10Hours = SPEED \* 10

Set distance15Hours = SPEED \* 15

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Display “The car will travel the following distances.”

Display distance6Hours, “miles in 6 hours.”

Display distance10Hours, “miles in 10 hours.”

Display distance15Hours, “miles in 15 hours.”

End