# CTI 110

# P2HW1 (Python Module 2, Homework 1): Distance Traveled

# P2HW1\_DistanceTraveled\_Lastname.py

Assuming no delays, the distance that a car travels down the interstate can be calculated with the following formula:

*Distance = Speed X Time*

In Python, assuming the variables speed and time are already defined, this could be written as

distance = speed \* time

**Write a program** that solves the following problem:

A car is traveling at 70 miles per hour. Display the following:

* The distance the car will travel in 6 hours
* The distance the car will travel in 10 hours
* The distance the car will travel in 15 hours

**NOTE:** This particular question does not ask the user to input any values. This program processes three results and outputs each of them.

You should not just print the answer, each line should be labeled so that the user can tell which distance relates to which time.

**Ideas for variable names**: speed, distanceAfter6, distanceAfterT10, distanceAfter15

Write the above program, test it, and submit it through Blackboard. Finally, upload the file to your online repository.