

Syntax Problem #2

Objectives

1. Practice writing Python code and using comments.
2. Practice running Python code.
3. Use of simple Python I/O.
4. Use of standard mathematical operations.

Problem

1. Write a Python program to calculate the time (in seconds) to move a certain distance (in miles) travelling at a given speed (in miles per hour). Output the time in seconds to standard output (i.e., the screen).

- Use the `input()` function to capture the distance and speed from the user. Be sure to prompt for correct units.
- Have the output say what the input distance and speed along with the final calculated time to travel the distance that was input.

Notes:

- Recall that **distance = speed * time**.
- Feel free to use a previous script to start a new problem, especially if it has code that will be useful to have in a new program.
- Make sure documentation (e.g., comment block and comments throughout code) is present in your source code
- Make output informative so that anyone running your program understands what is being produced without seeing the assignment.
- Name the program **syntax2_<username>.py** and place a copy in `/share/share/syntax_problems/`