

Basic Data Types Challenge 2:

Miles Per Hour Conversion App

Description:

You are responsible for writing a program that will convert any given speed in miles per hour to a more metric friendly unit of meters per second. All calculations should be rounded to a set decimal precision of 2 decimal places.

Step By Step Guide:

- Print a welcome message.
- Get user input for their speed in miles per hour.
 - Allow for a decimal speed.
- Convert the speed in miles per hour to meters per second.
 - Use a conversion ratio of 1 mph = 0.4474 mps.
 - Use the round() function to round this speed to 2 decimal places.
 - Check the python documentation for information on how to use the round() function.
- Print a message to the user that informs them of their speed in meters per second.
- Use at least 2 comments to describe sections of your code.
- “Chunk” your code so that is readable.
- Use appropriate and informative variable names.
- Format your output as below.

Example Output:

Welcome to the Miles Per Hour Conversion App

What is your speed in miles per hour: 55.8

Your speed in meters per second is 24.96.