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# Input - Prompt for inputs
height = float(input("Enter height (inches): "))
weight = float(input("Enter weight (pounds): "))

# convert to metric
heightMetric = height * 0.0254
weightMetric = weight * 0.453592

# Processing - Calculate the BMI result:
bmi = weight / (height ** 2) * 703
bmiMetric = weightMetric / (heightMetric ** 2)
# Output - Display the result
print('BMIMetric=',bmiMetric)
print("BMI =", bmi)
#formatting the output with the F string
print(f'BMI value for a person height of {height} and weight of {weight} formatted using the F string is: {bmi}')
#using the round function
print("BMI =", round(bmi,2))
print(f'BMI value for a person height of {height} and weight of {weight} formatted using the F string is: {round(bmi,2)}')
#Ask user for speed and time
speed = float(input("Enter speed in MPH: "))
time = float(input("enter the time in hours: "))
#calculate distance
distance=speed * time
#display miles driven
print('Miles driven:', distance)
#Local 30
#parkway 35.2
#Highway 47.85
#local is the shortest distance but the longest time

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