**Assignment:11**

def calculate\_travel\_time(distance, speed):

"""

Calculate travel time and average speed.

Parameters:

- distance: Distance of the journey (in kilometers)

- speed: Average speed (in kilometers per hour)

Returns:

- travel\_time: Travel time (in hours)

- average\_speed: Average speed (in kilometers per hour)

"""

travel\_time = distance / speed

average\_speed = distance / travel\_time

return travel\_time, average\_speed

# Input parameters

distance = float(input("Enter the distance (in kilometers): "))

speed = float(input("Enter the average speed (in kilometers per hour): "))

# Calculate travel time and average speed

travel\_time, average\_speed = calculate\_travel\_time(distance, speed)

# Display the results

print(f"Travel Time: {travel\_time:.2f} hours")

print(f"Average Speed: {average\_speed:.2f} km/h")

**outpu**t: travel time: 1.48 hours

Average time: 23.00 km/h