

Calculate Miles per Gallon

start

Declarations

string carBrand
string carModel
string carYear
int startingOdometer
int endingOdometer
int gallonsConsumed
int milesDriven
int milesPerGallon

output "Enter the vehicle's manufacturer:"

input carBrand

output "Enter the vehicle's model:"

input carModel

output "Enter the vehicle's model-year:"

input carYear

output "Enter the vehicle's starting odometer reading:"

input startingOdometer

output "Enter the vehicle's ending odometer reading:"

input endingOdometer

output "Enter the number of gallons consumed:"

input gallonsConsumed

$\text{milesDriven} = \text{endingOdometer} - \text{startingOdometer}$

$\text{milesPerGallon} = \text{milesDriven} / \text{gallonsConsumed}$

output "The vehicle information is as follows:"

output carYear, " ", carBrand, " ", carModel

output "Starting odometer reading: ", startingOdometer

output "Ending odometer reading: ", endingOdometer

output "Gallons consumed: ", gallonsUsed

output "MPG: " milesPerGallon

stop

