

~\OneDrive - VietNam National University - HCM INTERNATIONAL UNIVERSITY\Desktop\DSA\DSA LAB NEW\Lab 1  
OOP Reviews & Arrays\ITITSB22029\_DoMinhDuy\_Lab1\Problem 1\Problem 1.iv\GasMileage.java

```
1 import java.util.Scanner;
2
3 public class GasMileage {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6
7         // Input for first car
8         System.out.print("Enter the car name, miles driven, and gallons used (separated by
space): ");
9         String car1 = input.next(); // Read car name
10        double miles1 = input.nextDouble(); // Read miles driven
11        double gallons1 = input.nextDouble(); // Read gallons used
12
13        // Input for second car
14        System.out.print("Enter the car name, miles driven, and gallons used (separated by
space): ");
15        String car2 = input.next(); // Read car name
16        double miles2 = input.nextDouble(); // Read miles driven
17        double gallons2 = input.nextDouble(); // Read gallons used
18
19        // Calculate and display miles per gallon (MPG) for each car
20        double mpg1 = miles1 / gallons1;
21        double mpg2 = miles2 / gallons2;
22
23        System.out.printf("%s MPG: %.2f\n", car1, mpg1);
24        System.out.printf("%s MPG: %.2f\n", car2, mpg2);
25    }
26 }
```

