

MilesPerGallon.java

```
1 /*
2  * Calculates the miles remaining given the mpg
3  * and amount left in the tank
4  */
5
6 import java.util.Scanner;
7
8 public class MilesPerGallon {
9
10     public static void main(String[] args) {
11
12         Scanner input = new Scanner(System.in);
13
14         System.out.print("Enter the vehicle's mpg: ");
15
16         double mpg = input.nextDouble();
17
18         System.out.print("Enter the remaining gas in the tank (percentage): ");
19
20         double percentage = input.nextDouble();
21
22         System.out.print("Enter the total capacity of the gas tank: ");
23
24         double size = input.nextDouble();
25
26         double amountLeft = size * percentage;
27
28         double milesRemaining = amountLeft * mpg;
29
30         System.out.println("The vehicle has " + Double.toString(milesRemaining) + " miles left to drive.");
31     }
32 }
33
```