//import the scanner class from the java.util.Scanner package  
import java.util.Scanner;  
  
  
//beginning of class costOfDriving  
public class CostOfDriving {  
  
 public static void main(String[] args) {  
  
 // create a scanner object  
 Scanner userInput = new Scanner(System.*in*);  
  
  
 // Prompt user to enter driving distance as a double  
 System.*out*.print("Please Enter Driving Distance in miles (>0.0): ");  
  
  
 //declare driveDistance as a double and assigned the value read to it  
 double driveDistance = userInput.nextDouble();  
  
  
 //Prompt user to enter fuel efficiency as a double  
 System.*out*.print("Please Enter Fuel efficiency (mile/gallon): ");  
   
  
 //declare fuelEfficiency as a double and assigned the value read to it  
 double fuelEfficiency = userInput.nextDouble();  
  
  
 //Prompt user to enter gas price per gallon as a double  
 System.*out*.print("Please Enter Gas Price per gallon( > $0 ): ");  
  
  
 //declare gasPrice as a double and assigned the value read to it  
 double gasPrice = userInput.nextDouble();  
  
 //declare costOfDriving as a double and assign the computed cost of driving to it  
 double costOfDriving = ((driveDistance / fuelEfficiency) \* gasPrice);  
  
  
 //Print the cost of driving  
 System.*out*.println("The cost of driving is: $"+ costOfDriving );  
  
  
 }  
  
} /\* end of the class costOfDriving \*/