@FunctionalInterface

public interface FuelCalc {

public double calculateFuel(String fuelName,double litres);

}

import java.util.Scanner; public class UserInterface { public static FuelCalc generateRate() { FuelCalc cobj = (String fuelName,double litres) -> fuelName.equalsIgnoreCase("petrol") ? (litres\*90.4) : (litres\*86.8); return cobj; }public static void main(String [] args) { Scanner sc = new Scanner(System.in); System.out.println("Enter the type of fuel"); String fuelType=sc.next(); System.out.println("Enter litres"); double litres=sc.nextDouble(); FuelCalc obj=generateRate(); System.out.printf("Total Cost of the fuel = Rs. %.2f",obj.calculateFuel(fuelType,litres)); } }