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/*
    Problem 4B:      DME Application Driver
                    uses a package import
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    Date:           September 16, 2003
    Program Name:   DME4BPaneApp
*/

import javax.swing.*;
import java.text.*;
import DME.*;

public class DME4BPaneApp
{
    private static final double FUEL_CHARGE_RATE = 0.025;

    public static void main (String[] args)
    {

        //Declaring Variables
        int recordCount = 0;
        double fuelCharge;

        String outputLine = "";
        String moreInput = "yes";

        DME4Customer customer;
        while (!moreInput.equalsIgnoreCase("no"))
        {
            customer = new DME4Customer();
            //Prompt and get input from user
            customer.setCustomerNumber();
            customer.setCustomerName();
            customer.setCustomerType();
            customer.setServiceType();
            customer.setMeterReadingDay();
            customer.setMeterReadingMonth();
            customer.setMeterReadingYear();
            customer.setKilowattHours();

            //Calculations
            fuelCharge = Math.round(customer.getKilowattHours() * FUEL_CHARGE_RATE * 100.0)/100.0;

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NumberFormat currency = NumberFormat.getCurrencyInstance();
String fuelChargeString = currency.format(fuelCharge);

//Output
recordCount++;
String paneTitlePlus = DME4Customer.DME_PANE_TITLE + ": " +
    recordCount + " record(s) processed.";
outputLine = "\nThe fuel charge for " + customer.getKilowattHours() +
    " KWH used by " + customer.getCustomerName() + " is " + fuelChargeString;
JOptionPane.showMessageDialog(null, outputLine,
    paneTitlePlus, JOptionPane.PLAIN_MESSAGE);
moreInput = JOptionPane.showInputDialog(null,
    "Do you wish to continue entering input? (Yes or No)",
    customer.DME_PANE_TITLE, JOptionPane.PLAIN_MESSAGE);
}
System.exit(0);
}
}
```