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/*
    Project 2:      DOS Screen Version
                   declaring data types
                   entering data
                   performing data conversions
                   performing computations
                   generating output

    Programmer:    Wayne Spence
    Date:          January 16, 2005
    Program Name:  DME2BDOS
*/

import java.util.Scanner; //Import is necessary to support keyboard input operations

public class DME2BDOS
{
    public static void main (String[] args)
    {
        Scanner dosInput = new Scanner(System.in);

        //Declaring Variables
        String customerNumberString;
        String customerNameString;
        String customerTypeString;
        String serviceTypeString;
        String meterReadingDayString;
        String meterReadingMonthString;
        String meterReadingYearString;
        String kilowattHoursString;
        int kilowattHours = 9999;
        double fuelCharge;
        double fuelChargeRate = 0.025;
        String continueString = "y";

        //Produce the title information
        System.out.println("\t\t\tDenton Municipal Utilities" +
            "\n\t\t\tThis program produced by: Wayne Spence\n");
        while (continueString.equalsIgnoreCase("y"))
        {
            //Prompt and get input from User
            System.out.print("What is the customer number? ");
            customerNumberString = dosInput.next();
            System.out.print("What is the customer LAST name? ");
            customerNameString = dosInput.next();
            System.out.print("What is the customer FIRST name? ");
            customerNameString = dosInput.next() + " " + customerNameString;
            System.out.print("What is the customer type? (R, C or G) ");
            customerTypeString = dosInput.next();
            System.out.print("What is the service type? (1 or 2) ");
            serviceTypeString = dosInput.next();
            System.out.print("What day was the meter read? ");
            meterReadingDayString = dosInput.next();
            System.out.print("What month was the meter read? ");
            meterReadingMonthString = dosInput.next();
            System.out.print("What year was the meter read? ");
            meterReadingYearString = dosInput.next();
            System.out.print("How many kilowatt were used (KWH)? ");

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        kilowattHoursString = dosInput.next();

//Conversions
kilowattHours = Integer.parseInt(kilowattHoursString);

//Calculations
fuelCharge = Math.round(kilowattHours * fuelChargeRate * 100.0)/100.0;

//Output
System.out.print("\nThe fuel charge for " + kilowattHoursString+
    " KWH by "+ customerNameString + " is $" +fuelCharge+"\n\n");

System.out.print("Do you which to enter more data? (Y/N) ");
    continueString = dosInput.next();
    }
}
}
```