

```

import java.util.Scanner;
class ElectBill
{
    int ConsumerNo;
    String ConsumerName;
    int PrevReading;
    int CurrReading;
    int EBConn;

    int units;
    double bill;

    void input_data ()

Scanner sc = new Scanner (System.in);

    System.out.print("Enter Consumer Number: ");
    ConsumerNo = sc.nextInt();
    System.out.print("Enter Consumer Name: ");
    ConsumerName = sc.next();
    System.out.print("Enter Previous units:");
    PrevReading = sc.nextInt();
    System.out.print("Enter Current Units:");
    CurrReading = sc.nextInt();
    System.out.print("Connection Type: 1. Domestic 2. Commercial (1 or 2):");
    EBConn = sc.nextInt();

}

void calculate_bill ( )
{
    units = CurrReading - PrevReading;
    System.out.println("\n No of units: " + units);
    switch (EBConn)
    {
        case 1: if (units >= 0 && units<=100)
                    bill = units * 1;
                else if(units>100 && units<=200)
                    bill = (100*1)      + ((units-100) *2.50);
                else if(units>200 && units<=500)
                    bill = (100*1) + (100*2.50) + ((units-200) *4);
                else
                    bill = (100*1) + (100*2.50) + (300*4) + ((units-500) *6);
                break;
        case 2: if (units >= 0 && units<=100)
                    bill = units * 2;
                else if(units>100 && units<=200)
                    bill = (100*2)      + ((units-100) *4.50);
                else if(units>200 && units<=500)
                    bill = (100*2) + (100*4.50) + ((units-200) *6);
                else
                    bill = (100*2) + (100*4.50) + (300*6) + ((units-500) *7);
                break;
    }
}

```

```
}

void display ()
{
    System.out.println("-----");
    System.out.println(" ELECTRICITY BILL ");
    System.out.println("-----");
    System.out.println("Consumer Number: "+ConsumerNo);
    System.out.println("Consumer Name: "+ConsumerName);
    System.out.println("Consumer Previous Reading: "+PrevReading);
    System.out.println("Consumer Current Readung: "+CurrReading);
    System.out.println("Type of Connection: "+EBConn);
    System.out.println("-----");
    System.out.println("Total Bill in Rs." + bill);
}

class ElectricityBill
{
    public static void main(String args[])
    {

        ElectBill b = new ElectBill();
        b.input_data();
        b.calculate_bill();
        b.display();
    }
}
```

