```
TEST 01 :
3
   Input From User:
4
5
   Enter Owner's name: Karthik R
6
  Enter The Address (Area): JP Nagar, Mysore.
  Enter 10 digit Account ID: 8976504389
7
8 Enter Previous meter reading (Enter 0 if prev regd is unkonwn): 5766
9 Enter Present meter reading (Enter number of units consumed if pres regd is unkonwn: 5801
10 Any Solar Utilization? (Enter 1 if 'YES' or Enter 0 if 'NO'): 1
11
   Any Arrears? ( If 'YES' Then Enter Arrear Amount and Enter 0 if 'NO'): 85
12
13
14
15
   Output:
16
17
18
1.9
    ELECTRICTY BILL
20 ************
21 Account details
22 Account ID
23 ***************
24 Personal details
25 Name & Address
26 Karthik R
  27
28
29 Connection details
30 Tariff
                    3LT2A1-N
31 Sanc Load 0.68KW+0HP
32 ***********
33 Consumption details
34 Pres.Redg
35 Prev.Redg
35 Prev.Redg
                       5766
36 Consumption(units) 35
37 Power factor 1.0
38
  *******
39 Fixed Charges (Unit, Rate, Amt)
40 1KW 85 85.00
41 *************
42 Energy Charges (Unit, Rate, Amt)
43 35 4.10 143.50
44 *************
45 FAC Charges (Unit, Rate, Amt)
46 35 0.19 6.65
47 ***************
48 Additional Charges
49 Solar rebate
                      17.50
50 Intrest
                       4.25
51 Arrears
52 Tax
                      85.00
                      16.22
53 Bill Amount
54 Others
55 ***************
56 Net Amt Due 323.12
57
   ******
58
59
```

```
70
 71
     TEST 02 :
 72
 73
     Input From User:
 74
    Enter Owner's name: ABC
 75
 76 Enter The Address (Area): DEF
 77 Enter 10 digit Account ID: 1234567890
 78 Enter Previous meter reading (Enter 0 if prev regd is unkonwn): 0
 79 Enter Present meter reading (Enter number of units consumed if pres regd is unkonwn: 300
 80 Any Solar Utilization? (Enter 1 if 'YES' or Enter 0 if 'NO'): 0
    Any Arrears?( If 'YES' Then Enter Arrear Amount and Enter 0 if 'NO'): 0
 81
 82
 83
 84
 85
     Output:
 86
 87
 88
 89
          ELECTRICTY BILL
 90 *******
 91 Account details
 92 Account ID
                     1234567890
 93 **************
 94 Personal details
 95 Name & Address
 96 ABC
    DEF
 97
 98
    ********
99 Connection details
100 Tariff 3LT2A1-N
101 Sanc Load 0.68KW+0HP
102 **************
103 Consumption details
104 Pres.Redg
105 Prev.Redg
106 Consumption (units)
106 Consumption(units) 300
107 Power factor 1.0
                           300
   *******
108
109 Fixed Charges (Unit, Rate, Amt)
110 1KW 100 100.00
    *******
111
112 Energy Charges (Unit, Rate, Amt)
113 50 4.10 205.00
114 50
               5.55
                        277.50

    114
    50
    5.55
    277.50

    115
    100
    7.10
    710.00

    116
    100
    8.15
    815.00

   ********
117
121 Additional Charges
122 Solar rebate
                          0.00
123 Intrest
                          0.00
124 Arrears
                          0.00
125 Tax
                        108.22
126 Bill Amount
127 Others
127 Others
128 ***************
   Net Amt Due 2272.73
129
130
     *******
131
132
133
134
```

TEST 02 PASSED.

```
140
    TEST 03 :
141
142
    Input From User:
143
144 Enter Owner's name: XYZ
145 Enter The Address(Area): MNO
146 Enter 10 digit Account ID: 9987654321
147 Enter Previous meter reading (Enter 0 if prev regd is unknown): 6789
148 Enter Present meter reading (Enter number of units consumed if pres regd is unkonwn: 7628
149 Any Solar Utilization? (Enter 1 if 'YES' or Enter 0 if 'NO'): 1
   Any Arrears? ( If 'YES' Then Enter Arrear Amount and Enter 0 if 'NO'): 300
150
1.51
152
153
154
    Output:
155
156
1.57
158
         ELECTRICTY BILL
159 **************
160 Account details
161 Account ID
                  9987654321
162 *************
163 Personal details
164 Name & Address
165
    XYZ
166 MNO
167
    ******
168 Connection details
169 Tariff
                     3LT2A1-N
170 Sanc Load 0.68KW+0HP
171 ****************
172 Consumption details
173 Pres.Redg
174 Prev.Redg
                        6789
175 Consumption (units)
178 Fixed Charges (Unit, Rate, Amt)
179 1KW 100 100.00
180 *************
181 Energy Charges (Unit, Rate, Amt)
182 50 4.10 205.00
                      277.50
183 50
             5.55
184 100 7.10 710.00
185 639 8.15 5207.85
186 **************
187 FAC Charges (Unit, Rate, Amt)
188 839 0.19 159.41
189 *************
190 Additional Charges
191 Solar rebate
                       50.00
192 Intrest
193 Arrears
                      300.00
194 Tax
                      348.74
195 Bill Amount
196 Others
                     6659.76
196 Others
   *******
197
   Net Amt Due 7273.50
198
199
    *******
200
201
202
```

203204205206207

REAL ELECTRICTY BILL:

