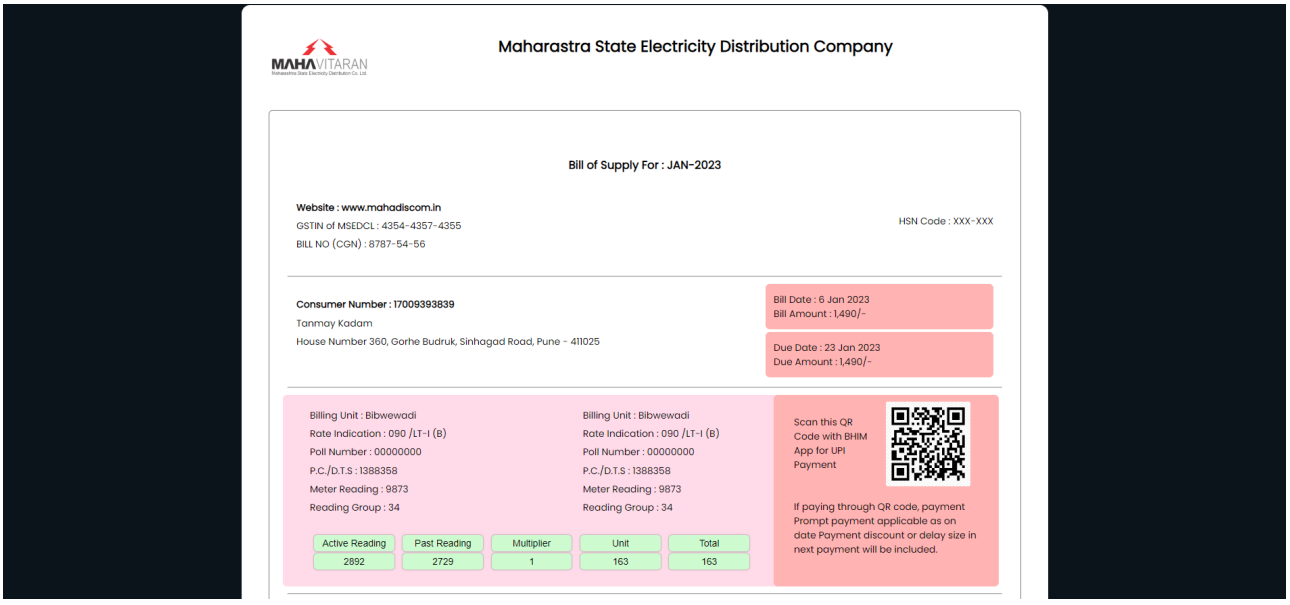
ASSIGNMENT - 3

Name: **Tanmay Kadam**
Roll & Div: **TY CS-D 78**

Design and develop a responsive website to calculate Electricity bill using PHP. Condition for first 50 units – Rs. 3.50/unit, for next 100 units – Rs. 4.00/unit, for next 100 units – Rs. 5.20/unit and for units above 250 – Rs. 6.50/unit. You can make the use of bootstrap as well as jQuery.

Preview Screenshots



CODE

Electricity-bill.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Electricity Bill</title>

    <link
      rel="shortcut icon"
      href="https://cdn-icons-png.flaticon.com/512/3648/3648755.png"
      type="image/x-icon"
    />
    <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.5.0/Chart.min.js"></script>

    <link rel="stylesheet" href="./styles.css" />
  </head>
  <body>
    <header>
      <h1 style="text-align: center; color: white; padding: 10px">
        Electricity Bill
      </h1>
      <hr width="40%" style="margin: auto" />
    </header>

    <!-- Billi -->
    <section class="bill">
      <div class="container">
        <div class="mahav-header">
          <img
```

```
src="https://www.mahadiscom.in/wp-content/uploads/2021/03/msedcl_hs_logo_transparent_bg.png"
                alt=""
              />

              <h3 id="head-name">
                Maharastra State Electricity Distribution Company
              </h3>
              <img

src="https://upload.wikimedia.org/wikipedia/commons/thumb/1/13/Azadi_Ka_Amrit_Mahotsav_%28English%29_logo.svg/1200px-Azadi_Ka_Amrit_Mahotsav_%28English%29_logo.svg.png"
                alt=""
                id="head-75"
              />
            </div>
            <div class="mahav-desc">
              <div class="date">
                <div class="head-date">
                  <h5 id="date-head">Bill of Supply For : JAN-2023</h5>
                </div>
              </div>
              <div class="code">
                <div class="gst">
                  <p style="font-weight: bolder">Website : www.mahadiscom.in</p>
                  <p>GSTIN of MSEDCL : 4354-4357-4355</p>
                  <p>BILL NO (CGN) : 8787-54-56</p>
                </div>
                <div class="code-code">HSN Code : XXX-XXX</div>
              </div>
              <hr style="width: 95%" />

              <!-- Div 2  -->

              <div class="code">
                <div class="gst grahak">
```

```
        <p style="font-weight: bolder">Consumer Number : 17009393839</p>
        <p>Tanmay Kadam</p>
        <p>
          House Number 360, Gorhe Budruk, Sinhagad Road, Pune - 411025
        </p>
      </div>
      <div class="code2">
        <div class="due-date">
          Bill Date : 6 Jan 2023 <br />
          Bill Amount : 1,490/-
        </div>
        <div class="due-date">
          Due Date : 23 Jan 2023 <br />
          Due Amount : 1,490/-
        </div>
      </div>
    </div>
    <hr style="width: 95%; margin-left: auto; margin-right: auto" />

    <!-- Div 3 -->

    <div class="section-3">
      <div class="section-3-info">
        <div class="units">
          <div class="unit1">
            <p>Billing Unit : Bibwewadi</p>
            <p>Rate Indication : 090 /LT-I (B)</p>
            <p>Poll Number : 00000000</p>
            <p>P.C./D.T.S : 1388358</p>
            <p>Meter Reading : 9873</p>
            <p>Reading Group : 34</p>
          </div>
          <div class="unit2">
            <p>Billing Unit : Bibwewadi</p>
            <p>Rate Indication : 090 /LT-I (B)</p>
            <p>Poll Number : 00000000</p>
            <p>P.C./D.T.S : 1388358</p>
```

```
                    <p>Meter Reading : 9873</p>
                    <p>Reading Group : 34</p>
                  </div>
                </div>
                <div class="daywise-reading">
                  <button>Active Reading</button>
                  <button>Past Reading</button>
                  <button>Multiplier</button>
                  <button>Unit</button>
                  <button>Total</button>
                  <br />
                  <button>2892</button>
                  <button>2729</button>
                  <button>1</button>
                  <button>163</button>
                  <button>163</button>
                </div>
              </div>
              <div class="qr-section">
                <div class="qr-info">
                  <p>Scan this QR Code with BHIM App for UPI Payment</p>
                  <img
```

src="https://www.citypng.com/public/uploads/preview/black-qr-code-barcode-transparent-background-31632177587er1xxdtdtx.png"

```
                    alt=""
                  />
                </div>
                <p>
                  If paying through QR code, payment Prompt payment applicable as
                  on date Payment discount or delay size in next payment will be
                  included.
                </p>
              </div>
            </div>
            <hr style="width: 95%" />
```

```
<!-- Section - 4 -->
<div class="section-4">
  <div class="section-4-info">
    <canvas
      id="myChart"
      style="width: 100%; max-width: 530px"
    ></canvas>
  </div>
  <div class="helpline-section">
    <p>24*7 Helpline Number</p>
    <p>
      MSEDCL Call Center: <br />
      18002333435 <br />
      18002123435 <br />
      1912
    </p>
    <p>www.mahadiscom.in > ConsumerPortal > CGRF</p>
  </div>
</div>

<!-- Section - 5 -->
<hr style="width: 95%" />

<div class="instrn-section">
  <p>Important</p>
  <p>
    1. Register for e-bill instead of printed bill and get Rs.10
    Go-Green discount on every bill. To register:-
    https://pro.mahadiscom.in/GoGreen/gogreen.jsp (GGN number on your
    printed bill (available in the upper left corner.)
    <br />
    2. Pay electricity bill digitally and get 0.25% (up to Rs.500/-)
    discount (excluding taxes and duties) <br />
    3. If your mobile number and email address are incorrect, visit
    here - https://consumerinfo.mahadiscom.in/ <br />
    4. The next month's reading will usually be on 30-01-2023.
  </p>
```

```
            <p>www.mahadiscom.in > ConsumerPortal > CGRF</p>
          </div>

          <hr style="width: 95%" />

          <!-- Section 5 -->
          <div class="section-5">
            <form>
              <label for="units">Enter Number of Units :</label>
              <input type="number" id="units" name="units" />
              <button type="button" onclick="calculateBill()">
                Calculate Bill
              </button>
            </form>
            <button id="result"></button>
          </div>

          <hr style="width: 95%" />

          <!-- Section 6 -->
          <div class="section-6">
            <p>
              * For queries related to your online payment transactions, please
              contact helpdesk_pg@mahadiscom.in
              <br />
              Any unauthorised changes made in this bill will lead to
              non-acceptance of the bill.
            </p>
          </div>
        </div>
      </div>
    </section>

    <footer>
      <h5
        style="
          color: white;
```

```
                text-align: center;
                justify-content: center;
                height: 100%;
                font-size: 14px;
                margin-top: 50px;
                padding-top: 10px;
            "
          >
            © Tanmay Kadam
          </h5>
        </footer>
        <link rel="stylesheet" href="CSS/styles.css" />

        <script src="./script.js"></script>
    </body>
</html>
```

Script.js

```
var xValues = [
    "January",
    "February",
    "March",
    "April",
    "May",
    "June",
    "July",
    "August",
    "September",
    "October",
    "November",
    "December",
];
var yValues = [127, 175, 191, 149, 193, 149, 113, 63, 81, 94, 64, 50];

new Chart("myChart", {
    type: "bar",
    data: {
        labels: xValues,
        datasets: [
            {
                backgroundColor: "#21A5B7",
                data: yValues,
            },
        ],
    },
    options: {
        legend: { display: false },
        title: {
            display: true,
            text: "Last month Bill",
        },
    },
```

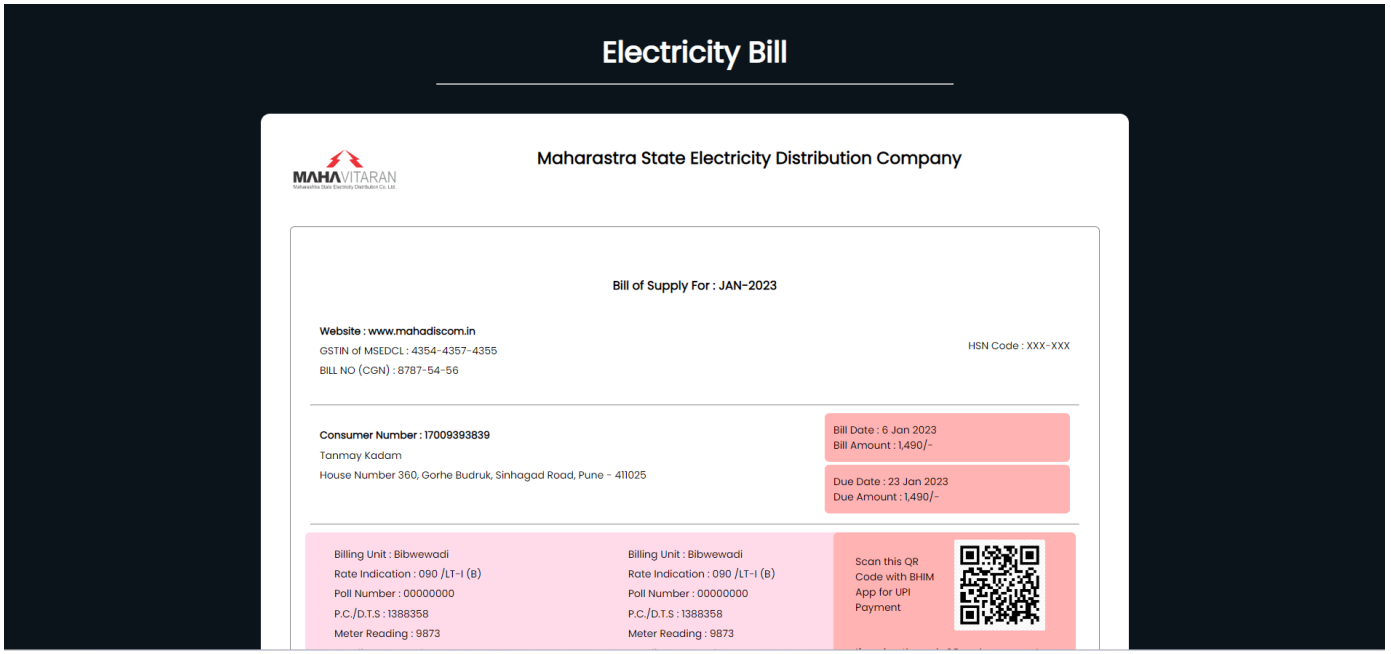
```
});

// Price Calculation
function calculateBill() {
    const units = document.getElementById("units").value;
    const result = document.getElementById("result");
    result.style.display = "block";
    let bill = 0;

    if (units <= 50) {
        bill = units * 3.5;
    } else if (units > 50 && units <= 150) {
        bill = 50 * 3.5 + (units - 50) * 4;
    } else if (units > 150 && units <= 250) {
        bill = 50 * 3.5 + 100 * 4 + (units - 150) * 5.2;
    } else if (units > 250) {
        bill = 50 * 3.5 + 100 * 4 + 100 * 5.2 + (units - 250) * 6.5;
    }

    document.getElementById("result").innerHTML = `Rs. ${bill.toFixed(2)}`;
}
```

OUTPUT



Electricity Bill

MAHAVITARAN

Maharastra State Electricity Distribution Company

Bill of Supply For : JAN-2023

Website : www.mahadiscom.in
GSTIN of MSEDCL : 4354-4357-4355
BILL NO (CGN) : 8787-54-56

HSN Code : XXX-XXX

Consumer Number : 17009393839
Tanmay Kadam
House Number 360, Gorhe Budruk, Sinhagad Road, Pune - 411025

Bill Date : 6 Jan 2023
Bill Amount : 1,490/-

Due Date : 23 Jan 2023
Due Amount : 1,490/-

Billing Unit : Bibwewadi
Rate Indication : 090 /LT-I (B)
Poll Number : 00000000
P.C./D.T.S : 1388358
Meter Reading : 9873

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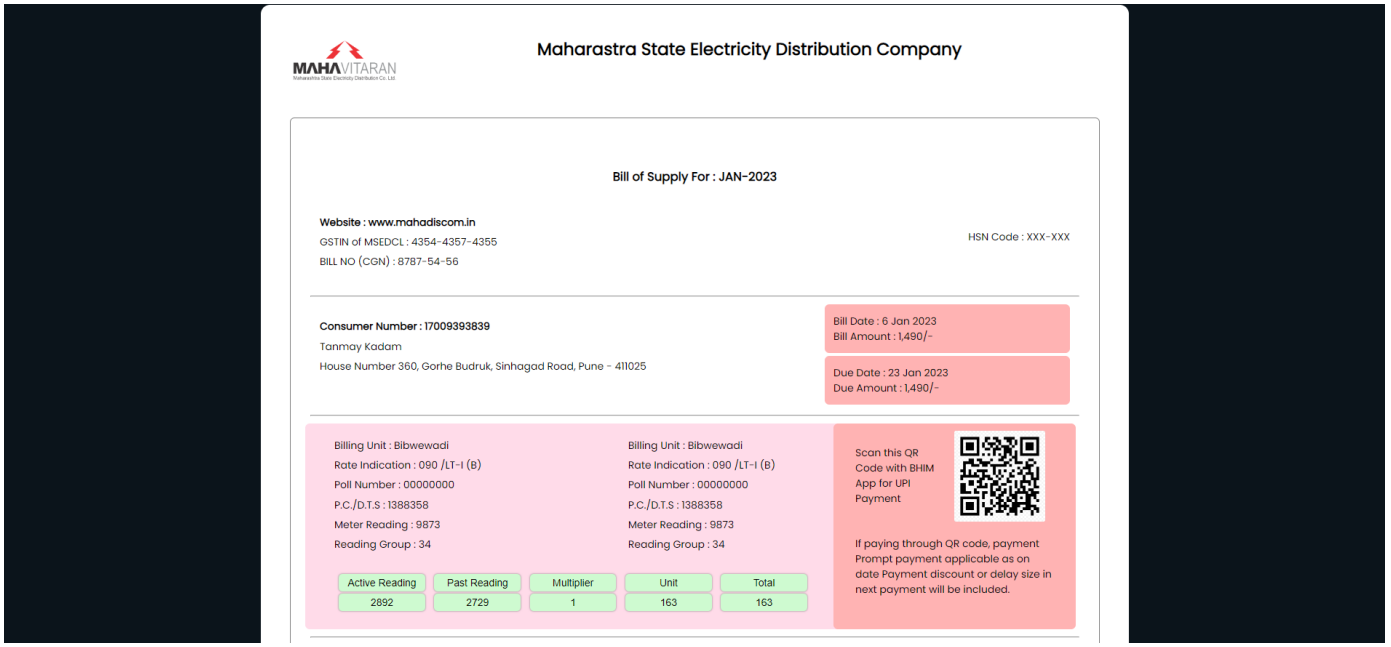
Scan this QR Code with BHIM App for UPI Payment



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Active Reading	Past Reading	Multiplier	Unit	Total
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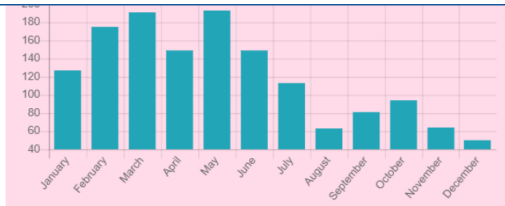

MSEDCL Call Center:
18002333435
18002123435
1912

www.mahadiscom.in > ConsumerPortal > CGRF

Important

1. Register for e-bill instead of printed bill and get Rs.10 Go-Green discount on every bill. To register:- https://pro.mahadiscom.in/GoGreen/gogreen.jsp (GGN number on your printed bill (available in the upper left corner.)
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Enter Number of Units :

Calculate Bill

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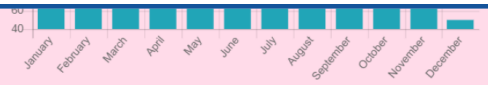

ConsumerPortal > CGRF

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www.mahadiscom.in > ConsumerPortal > CGRF

Enter Number of Units : 30

Calculate Bill

Rs. 105.00

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