Assignment No: 3

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 ¡Query.

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Batch: D3

HTML & PHP:

```
<?php
if (isset($_POST['units'])) {
    $units = $_POST['units'];
    $total = 0;
    if ($units <= 50) {
        $total = $units * 3.50;
    } elseif ($units <= 150) {</pre>
        total = 50 * 3.50 + (units - 50) * 4.00;
    } elseif ($units <= 250) {</pre>
        total = 50 * 3.50 + 100 * 4.00 + (units - 150) * 5.20;
    } else {
        $total = 50 * 3.50 + 100 * 4.00 + 100 * 5.20 + ($units - 250) * 6.50;
<!DOCTYPE html>
<html>
<head>
    <title>Electricity Bill Generator</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ0Z"
crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
        crossorigin="anonymous"></script>
```

```
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.7/dist/umd/popper.min.js
        integrity="sha384-
zYPOMqeu1DAVkHiLqWBUTcbYfZ8osu1Nd6Z89ify25QV9guujx43ITvfi12/QExE"
        crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/js/bootstrap.min.js"
        integrity="sha384-
Y4oOpwW3duJdCWv5ly8SCFYWqFDsfob/3GkgExXKV4idmbt98QcxXYs9UoXAB7BZ"
        crossorigin="anonymous"></script>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
    </script>
    <script>
        $(document).ready(function () {
            $('#billForm').submit(function (event) {
                event.preventDefault();
                var units = parseInt($('#units').val());
                if (units <= 0 || isNaN(units)) {</pre>
                    alert('Please enter a valid number of units consumed.');
                    return;
                this.submit();
            });
        });
    </script>
    <style>
        h2 {
            background-color: lightblue;
            text-align: center;
            padding-top: 30px;
    </style>
</head>
<body>
    <div class="container">
        <h2>Electricity Bill Generator</h2>
        <h4 class="my-4">Generate your bill here</h4>
        <form method="post" action="index.php">
            <div class="form-group my-3">
                <label for="units">Enter Total Units Consumed:</label>
                <input type="number" class="form-control my-3" id="units"</pre>
name="units" required>
            </div>
            <button type="submit" class="btn btn-primary" id="calculate-</pre>
btn">Calculate
```

Outputs:



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