

Web Technologies - Lab6

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PROBLEM STATEMENT

Write a program to calculate Electricity bill in PHP (a) You need to write a PHP program to calculate electricity bill using if-else conditions. (b) Conditions For first 50 units – Rs. 3.50/unit For next 100 units – Rs. 4.00/unit For next 100 units – Rs. 5.20/unit For units above 250 – Rs. 6.50/unit You can use conditional statements

CODE

PHP

```
<!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>Conditional Billing</title>
    <!------- Bootstrap CDN
----->

    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.m
in.css" rel="stylesheet"
integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYk
iZhlzB6+fzT" crossorigin="anonymous">

    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bun
dle.min.js"
integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgT
POOmMi466C8" crossorigin="anonymous" defer></script>

    <!------- End Bootstrap CDN
----->
```

```

</head>

<body class="container-fluid p-4">
    <div class="display-3 row justify-content-center mb-5">Electricity
    Bill Calculation</div>
    <div class="row justify-content-center align-items-center">
        <div class="card" style="width:50%">
            <div class="card-body">
                <h5 class="card-title">Enter the Units to calculate
                price</h5>

                <p class="card-text">
                    <div class="h5">Electricity Rates</div>
                    <table class="table table-responsive table-striped">
                        <thead class="table-primary">
                            <tr>
                                <th>Units (kWhr)</th>
                                <th>Charge (Rs./unit)</th>
                            </tr>
                        </thead>
                        <tbody>
                            <tr>
                                <td>0 - 50</td>
                                <td>3.50</td>
                            </tr>
                            <tr>
                                <td>50 - 150</td>
                                <td>4.00</td>
                            </tr>
                            <tr>
                                <td>150 - 250</td>
                                <td>5.20</td>
                            </tr>
                            <tr>
                                <td>250 and above</td>
                                <td>6.50</td>
                            </tr>
                        </tbody>
                    </table>

                    <form id="electricity-form" method="post"
                    action="index.php">
                        <label class="from-label row
                        justify-content-between align-items-center mb-2">

```

```

        <span class="col">Units of Electricity</span>
        <span class="col text-end">kW Hr</span>
    </label>
    <input name="units" id="units" class="form-control"
placeholder="Units of Energy eg: 150" type="number" required />
</form>

<!-- Output -->
<div class="my-4 row text-start align-items-center">
    <span class="text-success col">Bill (Rs.) : </span>
    <span>
        <?php
            if ($_POST['units'] <= 50) {
                echo $_POST['units'] * 3.50;
            } else if ($_POST['units'] > 50 &&
$_POST['units'] <= 150) {
                echo $_POST['units'] * 4;
            } else if ($_POST['units'] > 150 &&
$_POST['units'] <= 250) {
                echo $_POST['units'] * 4;
            } else {
                echo $_POST['units'] * 6.50;
            }
        ?>
    </span>
</div>

</p>
<button class="btn btn-block btn-primary card-link"
formaction="submit" form="electricity-form">Calculate</a>
</div>
</div>
</body>
</html>

```

OUTPUT

Electricity Bill Calculation

Enter the Units to calculate price

Electricity Rates

Units (kWhr)	Charge (Rs./unit)
0 - 50	3.50
50 - 150	4.00
150 - 250	5.20
250 and above	6.50

Units of Electricity

kWhr

Units of Energy eg: 150

Bill (Rs.) :

600

Calculate