

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 jQuery.

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HTML & PHP:

```
<?php
if (isset($_POST['units'])) {
    $units = $_POST['units'];
    $total = 0;
    if ($units <= 50) {
        $total = $units * 3.50;
    } elseif ($units <= 150) {
        $total = 50 * 3.50 + ($units - 50) * 4.00;
    } elseif ($units <= 250) {
        $total = 50 * 3.50 + 100 * 4.00 + ($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-alpha3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJJOZ"
crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
ENjd04Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
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-
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)) {
                    alert('Please enter a valid number of units consumed.');
```

```
</form>
<br>
<?php if (isset($total)) { ?>
    <div class="alert alert-success">
        <strong>Your Total Bill:</strong> Rs.
        <?php echo $total; ?>
    </div>
<?php } ?>
</div>
</body>
</html>
```

Outputs:

