

Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology, Pune-37

(An autonomous Institute of Savitribai Phule Pune University)



Department of Computer Engineering

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Batch	Batch - 2
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Roll No	58
Division	CS-D
Subject	Web Technologies

Problem Statement: Design and develop a responsive web page for your CV using multiple column layouts having video background. You can make the use of bootstrap as well as jQuery.

Code:

```
<!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">
  <title>Assignment4 - Bill Calculator</title>

  <link href="http://netdna.bootstrapcdn.com/bootstrap/3.1.1/css/bootstrap.min.css" rel="stylesheet">

  <style>
  body {
    min-height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    padding: 20px;
    background-image: url('https://www.mypunepulse.com/wp-content/uploads/2023/01/MSEDCL-employees-to-go-on-72-hour-strike-from-January-4-1-1024x538.jpg');
    background-repeat: no-repeat;
    background-size: cover;
  }

  .container {
    position: relative;
    max-width: 700px;
    width: 100%;
    background: #fff;
    padding: 25px;
    border-radius: 15px;
    box-shadow: rgb(38, 57, 77) 0px 20px 30px -10px;
  }

  .parentbill {
    display: flex;
    flex-direction: row;
    align-items: center;
    margin-top: 20px;
  }

  .container header {
    font-size: 1.5rem;
    color: #333;
    font-weight: 500;
    text-align: center;
```

```

    }

    .container .form {
        margin-top: 30px;
    }
</style>

<script src="http://code.jquery.com/jquery.js"></script>

<script src="http://netdna.bootstrapcdn.com/bootstrap/3.1.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">
    <h1>Bill Calculator</h1>
    <form action="" method="POST" role="form">
        <div class="parentbill">
            <div class="col-lg-6">
                <div class="form-group">
                    <label for="">Total Unit / Kwh</label>
                    <input type="text" class="form-control" name="unit" placeholder="Input Units">
                </div>
            </div>

            <div>
                <button type="submit" class="btn btn-primary">Get Price</button>
            </div>
        </div>
    </form>

    <hr>
    <?php
    if (isset($_POST['unit'])) {
        $total = 0;
        $unit = (int) $_POST['unit'];

        function calculate($unit, $range, $price)
        {
            $xunit = $range[1] - $range[0] + 1;
            if ($unit <= $xunit && $unit > 0) {
                $bill = $unit * $price;
                echo "

                <tr>
                    <td>" . implode("-", $range) . "</td>
                    <td>$price</td>
                    <td>$unit</td>
                    <td>$bill Rs.</td>

                </tr>
                ";
            }
        }
    }

```

```

        return array($unit - $xunit, $bill);
    } elseif ($unit > $xunit) {
        $bill = $xunit * $price;
        $newUnit = $unit - $xunit;
        echo "

                                <tr>
                                    <td>" . implode("-", $range) . "</td>
                                    <td>$price</td>
                                    <td>" . $xunit . "</td>
                                    <td>$bill Rs.</td>
                                </tr>
                                ";

        return array($newUnit, $bill);
    }
}

echo "<h3>Calculating bill for $unit Unit</h3>";

echo "<hr><br><h4>For first 50 -> 3.50</h4> <h4>Next 100 -> 4</h4> <h4>Next 100 -> 5.20</h4>
<h4>Above 250 -> 6.5</h4><br><hr>";

echo "<table class='\"table table-hover\"'>
    <thead>
        <tr>
            <th>Range</th>
            <th>Price/Unit</th>
            <th>Unit</th>
            <th>Bill</th>
        </tr>
    </thead>
    <tbody>

    ";

$newUnit = 0;
if ($unit > 0) {
    $rep = calculate($unit, array(1, 50), 3.50);
    $newUnit = $rep[0];
    $total += $rep[1];
}
if ($newUnit > 0) {
    $rep = calculate($newUnit, array(51, 150), 4);
    $newUnit = $rep[0];
    $total += $rep[1];
}
if ($newUnit > 0) {
    $rep = calculate($newUnit, array(151, 250), 5.20);
    $newUnit = $rep[0];
    $total += $rep[1];
}
if ($newUnit > 0) {

```

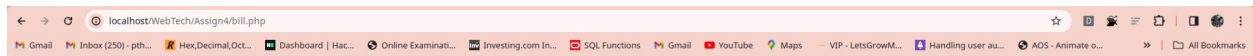
```
$rep = calculate($newUnit, array(251, 1000000), 6.50);
$newUnit = $rep[0];
$total += $rep[1];
}
$meter = $_POST['meter'];
$newTotal = $total + $meter;
echo "

        </tbody>
        <tfoot>
            <tr>
                <th></th>
                <th></th>
                <th>Bill</th>
                <th>$newTotal Rs.</th>
            </tfoot>
        </table>";
    }
    ?>

</div>
</body>

</html>
```

Output:



Bill Calculator

Total Unit / Kwh

Input Units

Get Price

Bill Calculator

Total Unit / Kwh

Input Units

Get Price

Calculating bill for 45 Unit

For first 50 -> 3.50
Next 100 -> 4
Next 100 -> 5.20
Above 250 -> 6.5

Range	Price/Unit	Unit	Bill
1-50	3.5	45	157.5 Rs.
		Bill	157.5 Rs.

Bill Calculator

Total Unit / Kwh

Get Price

Calculating bill for 250 Unit

For first 50 -> 3.50

Next 100 -> 4

Next 100 -> 5.20

Above 250 -> 6.5

Range	Price/Unit	Unit	Bill
1-50	3.5	50	175 Rs.
51-150	4	100	400 Rs.
151-250	5.2	100	520 Rs.
Bill			1095 Rs.