# 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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| **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>";

}

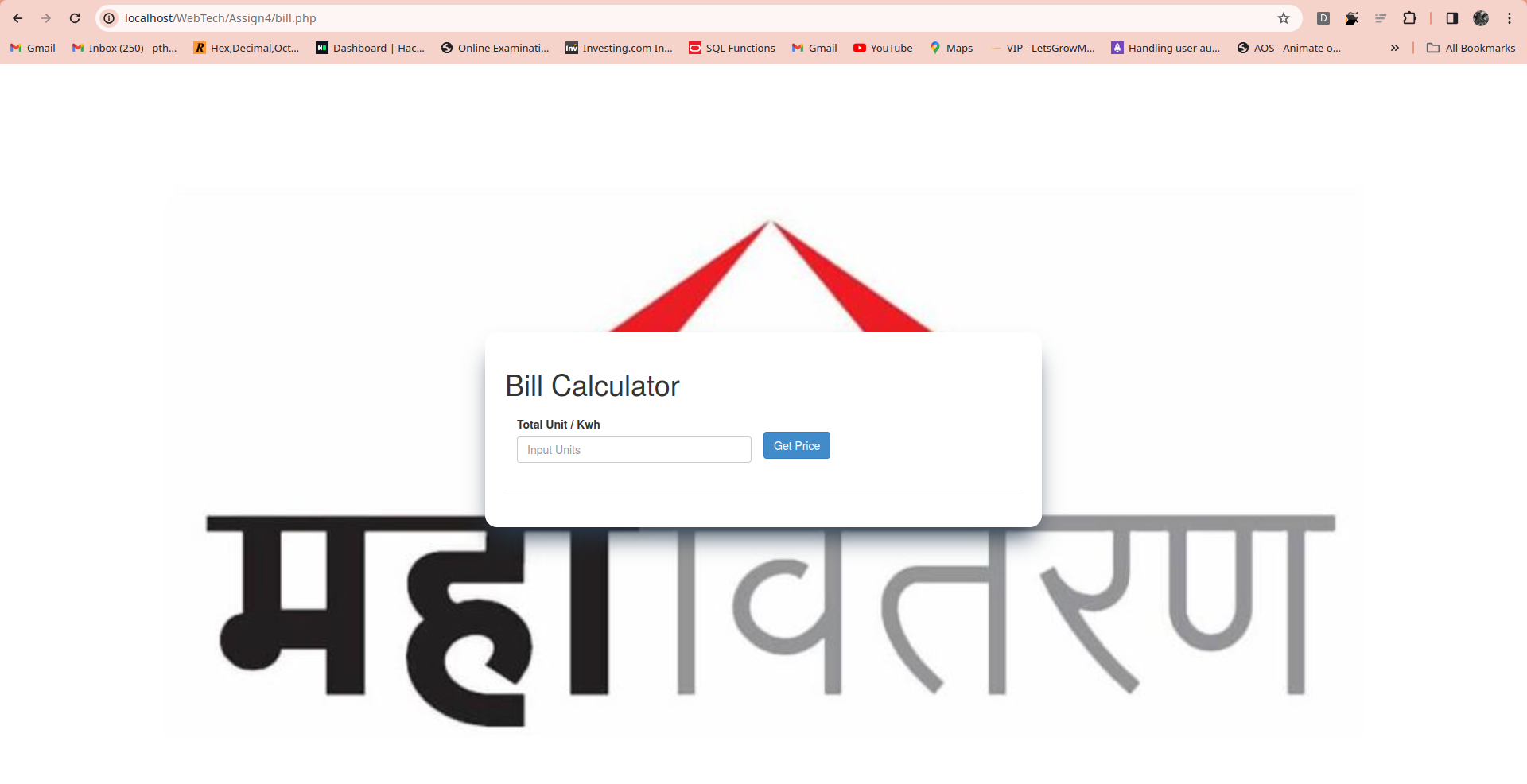
?>

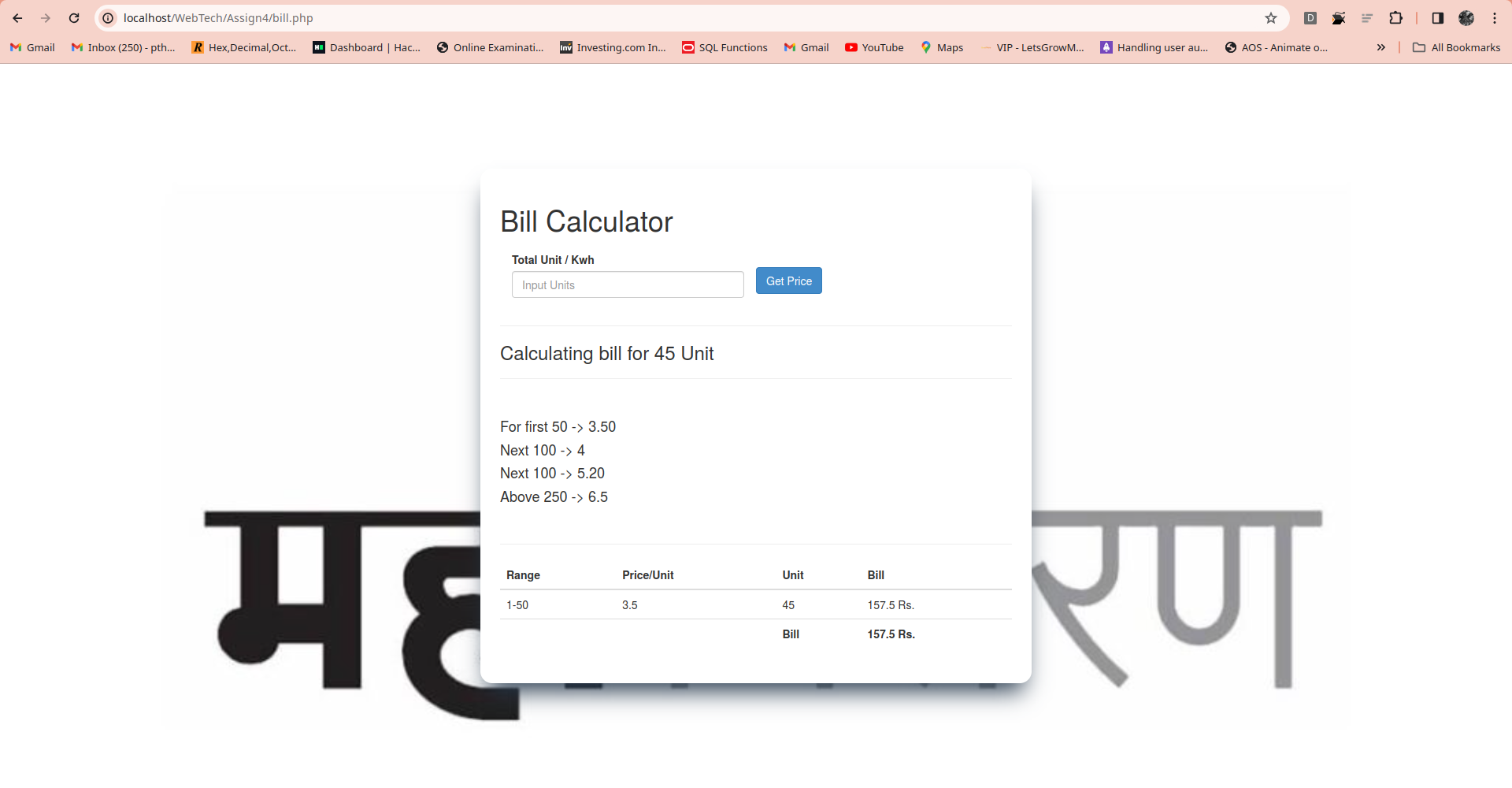
</div>

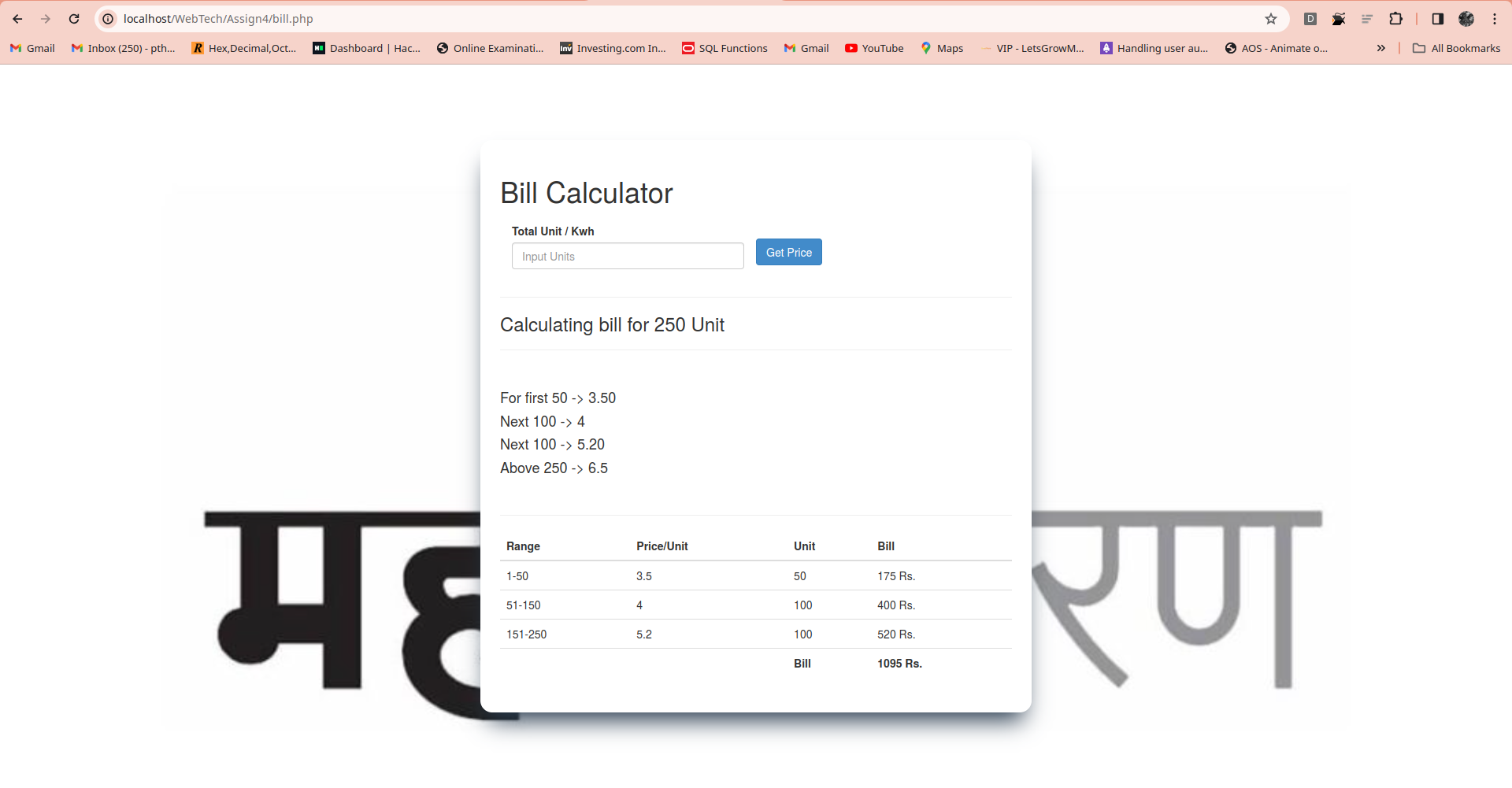
</body>

</html>

**Output:**

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