**WEB TECHNOLOGY LAB ASSIGNMENT-7**

**INDEX.HTML**

<!DOCTYPE html>

<head>

  <title>Calculate Electricity Bill</title>

</head>

<?php

$result\_str = $result = '';

if (isset($\_POST['unit-submit'])) {

    $units = $\_POST['units'];

    if (!empty($units)) {

        $result = calculate\_bill($units);

        $result\_str = 'Total amount of ' . $units . ' - ' . $result;

    }

}

/\*\*

 \* To calculate electricity bill as per unit cost

 \*/

function calculate\_bill($units) {

    $unit\_cost\_first = 3.50;

    $unit\_cost\_second = 4.00;

    $unit\_cost\_third = 5.20;

    $unit\_cost\_fourth = 6.50;

    if($units <= 50) {

        $bill = $units \* $unit\_cost\_first;

    }

    else if($units > 50 && $units <= 100) {

        $temp = 50 \* $unit\_cost\_first;

        $remaining\_units = $units - 50;

        $bill = $temp + ($remaining\_units \* $unit\_cost\_second);

    }

    else if($units > 100 && $units <= 200) {

        $temp = (50 \* 3.5) + (100 \* $unit\_cost\_second);

        $remaining\_units = $units - 150;

        $bill = $temp + ($remaining\_units \* $unit\_cost\_third);

    }

    else {

        $temp = (50 \* 3.5) + (100 \* $unit\_cost\_second) + (100 \* $unit\_cost\_third);

        $remaining\_units = $units - 250;

        $bill = $temp + ($remaining\_units \* $unit\_cost\_fourth);

    }

    return number\_format((float)$bill, 2, '.', '');

}

?>

<body>

  <div id="page-wrap">

    <h1>Php - Calculate Electricity Bill</h1>

    <form action="" method="post" id="quiz-form">

              <input type="number" name="units" id="units" placeholder="Please enter no. of Units" />

              <input type="submit" name="unit-submit" id="unit-submit" value="Submit" />

    </form>

    <div>

        <?php echo '<br />' . $result\_str; ?>

    </div>

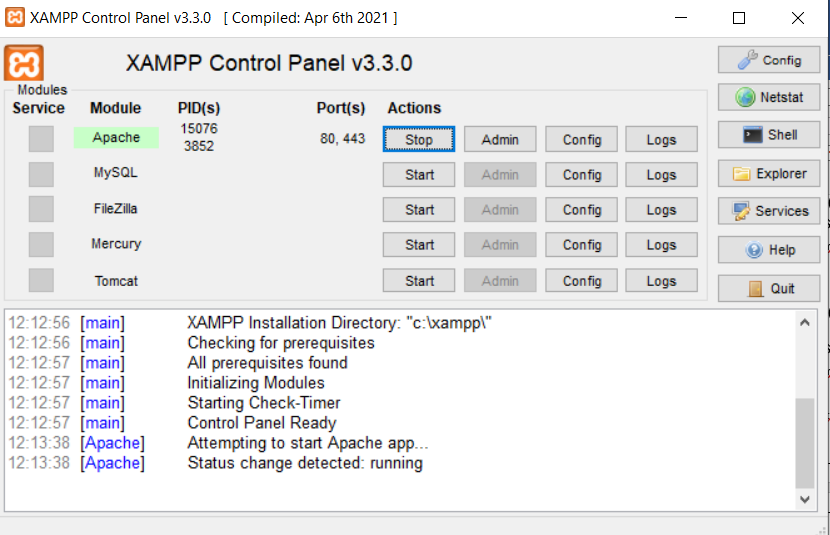
  </div>

</body>

</html>

**---------------------------------------------------------------------------------------------------------**

**OUTPUT :-**

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**--------------------------------------------------------------------------------------------------------**