

Lab 11

1.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Mathematical Operations</title>
```

```
</head>
```

```
<body>
```

```
  <script>
```

```
    // Define variables x and y and assign them values
```

```
    var x = 6;
```

```
    var y = 4;
```

```
    // Calculate and display the sum
```

```
    var sum = x + y;
```

```
    console.log("Sum: " + sum);
```

```
    // Calculate and display the difference
```

```
    var difference = x - y;
```

```
    console.log("Difference: " + difference);
```

```
    // Calculate and display the product
```

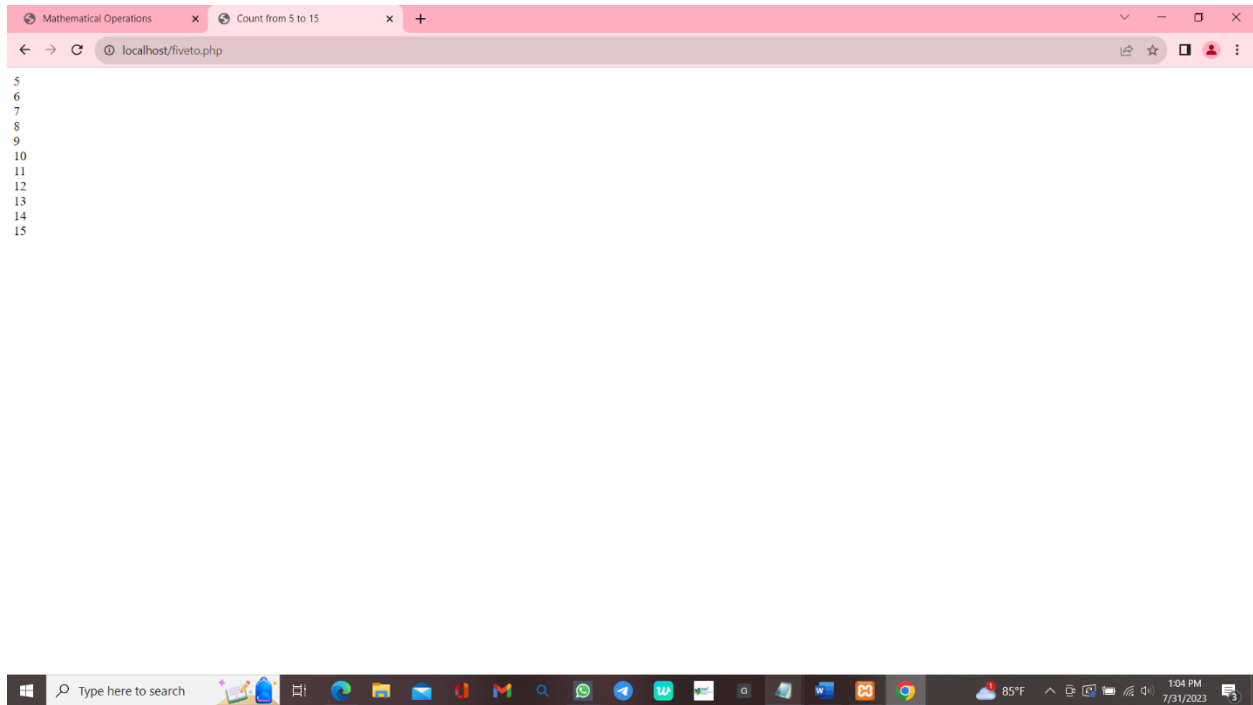
```
    var product = x * y;
```

```
    console.log("Product: " + product);
```

```
// Calculate and display the division
var division = x / y;
console.log("Division: " + division);
</script>
</body>
</html>
```

2.

```
<!DOCTYPE html>
<html>
<head>
  <title>Count from 5 to 15</title>
</head>
<body>
  <?php
    // Using a for loop to display numbers from 5 to 15
    for ($i = 5; $i <= 15; $i++) {
      echo $i . "<br>";
    }
  ?>
</body>
</html>
```



Output: <http://localhost/fiveto.php>

3.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Electricity Bill Calculation</title>
```

```
</head>
```

```
<body>
```

```
    <h2>Electricity Bill Calculator</h2>
```

```
    <form method="post">
```

```
<label>Enter the number of units consumed:</label>
<input type="number" name="units" required>
<input type="submit" value="Calculate">
</form>
```

```
<?php
if ($_SERVER["REQUEST_METHOD"] === "POST") {
    // Get the number of units consumed from the form
    $units = $_POST["units"];

    // Initialize the variable to store the total bill amount
    $totalBill = 0;

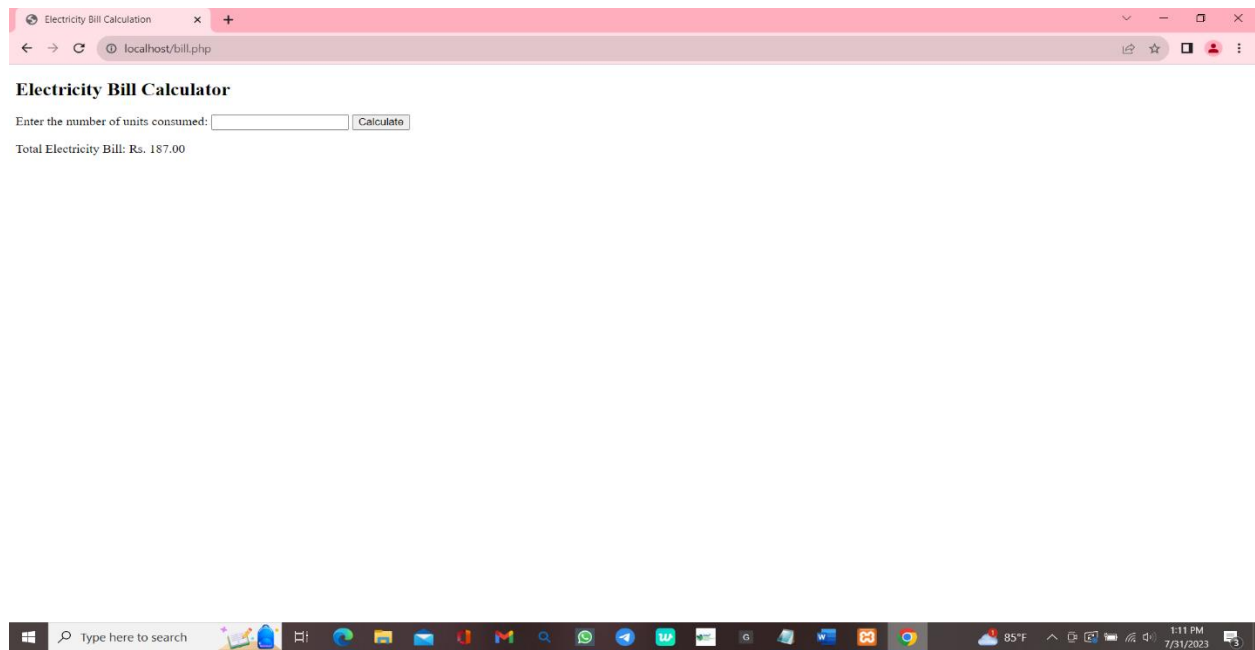
    // Calculate the electricity bill based on the given conditions
    if ($units <= 50) {
        $totalBill = $units * 3.50;
    } elseif ($units <= 100) {
        $totalBill = 50 * 3.50 + ($units - 50) * 4.00;
    } elseif ($units <= 150) {
        $totalBill = 50 * 3.50 + 50 * 4.00 + ($units - 100) * 5.20;
    } else {
        $totalBill = 50 * 3.50 + 50 * 4.00 + 50 * 5.20 + ($units - 150) * 6.50;
    }

    // Display the total electricity bill
    echo "<p>Total Electricity Bill: Rs. " . number_format($totalBill, 2) . "</p>";
}
```

```
?>

</body>

</html>
```



Output: <http://localhost/bill.php>

```
4.

<!DOCTYPE html>

<html>

<head>

    <title>Day of the Week</title>

</head>

<body>

    <form method="post">
```

```
<label>Enter a number from 1 to 7:</label>

<input type="number" name="dayNumber" min="1" max="7" required>

<input type="submit" value="Show Day">

</form>
```

```
<?php

if ($_SERVER["REQUEST_METHOD"] === "POST") {

    // Get the day number from the form
    $dayNumber = $_POST["dayNumber"];

    // Initialize a variable to store the day name
    $dayName = "";

    // Use switch/case to determine the day name based on the number
    switch ($dayNumber) {

        case 1:
            $dayName = "Monday";
            break;

        case 2:
            $dayName = "Tuesday";
            break;

        case 3:
            $dayName = "Wednesday";
            break;

        case 4:
            $dayName = "Thursday";
            break;
```

case 5:

```
$dayName = "Friday";
```

```
break;
```

case 6:

```
$dayName = "Saturday";
```

```
break;
```

case 7:

```
$dayName = "Sunday";
```

```
break;
```

default:

```
$dayName = "Invalid number";
```

```
}
```

```
// Display the day name to the user
```

```
echo "<p>Day of the Week: " . $dayName . "</p>";
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```



Output: <http://localhost/daysofweek.php>

5.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Fruits Array</title>
```

```
</head>
```

```
<body>
```

```
    <?php
```

```
        // Create the 'fruits' array
```

```
        $fruits = array("Apple", "Banana", "Stawberry", "Pineapple", "Mango");
```

```
        // Use a foreach loop to print each element of the array
```

```
        foreach ($fruits as $fruit) {
```

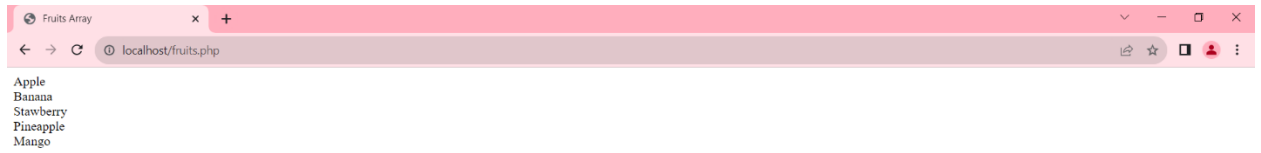
```
            echo $fruit . "<br>";
```

```
        }
```

```
    ?>
```

```
</body>
```

```
</html>
```

Output: <http://localhost/fruits.php>