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| **National University of Modern Languages Islamabad**  **DEPARTMENT OF SOFTWARE ENGINEERING**  **FACULTY OF ENGINEERING & CS**            **Web Engineering**  **Lab Report 8**      Name: **Hamza Mehmood**  Roll No: **SP-21-110**  Submitted to: **Mam Nabeela**  Section: **BSSE-VI (Evening)** |

# **Code**

<!DOCTYPE html>

<html>

<head>

    <title>Rectangle Calculator</title>

</head>

<body>

    <h1>Rectangle Calculator</h1>

    <form method="post">

        <label for="length">Length:</label>

        <input type="number" name="length" id="length" required><br><br>

        <label for="width">Width:</label>

        <input type="number" name="width" id="width" required><br><br>

        <input type="submit" onclick="validateForm()" name="submit" value="Calculate"><br><br>

    </form>

    <?php

    if (isset($\_POST['submit'])) {

        $length = $\_POST['length'];

        $width = $\_POST['width'];

        $area = $length \* $width;

        $perimeter = 2 \* ($length + $width);

        echo "<h3>Results:</h3>";

        echo "Area: " . $area . "<br>";

        echo "Perimeter: " . $perimeter;

    }

    ?>

    <script>

        function validateForm() {

            var length = document.getElementById("length").value;

            var width = document.getElementById("width").value;

            if (length === "" || width === "") {

                alert("Please enter valid numeric values for both length and width(>0).");

                return false;

            }

            return true;

        }

    </script>

</body>

</html>

# **ScreenShots**:



