

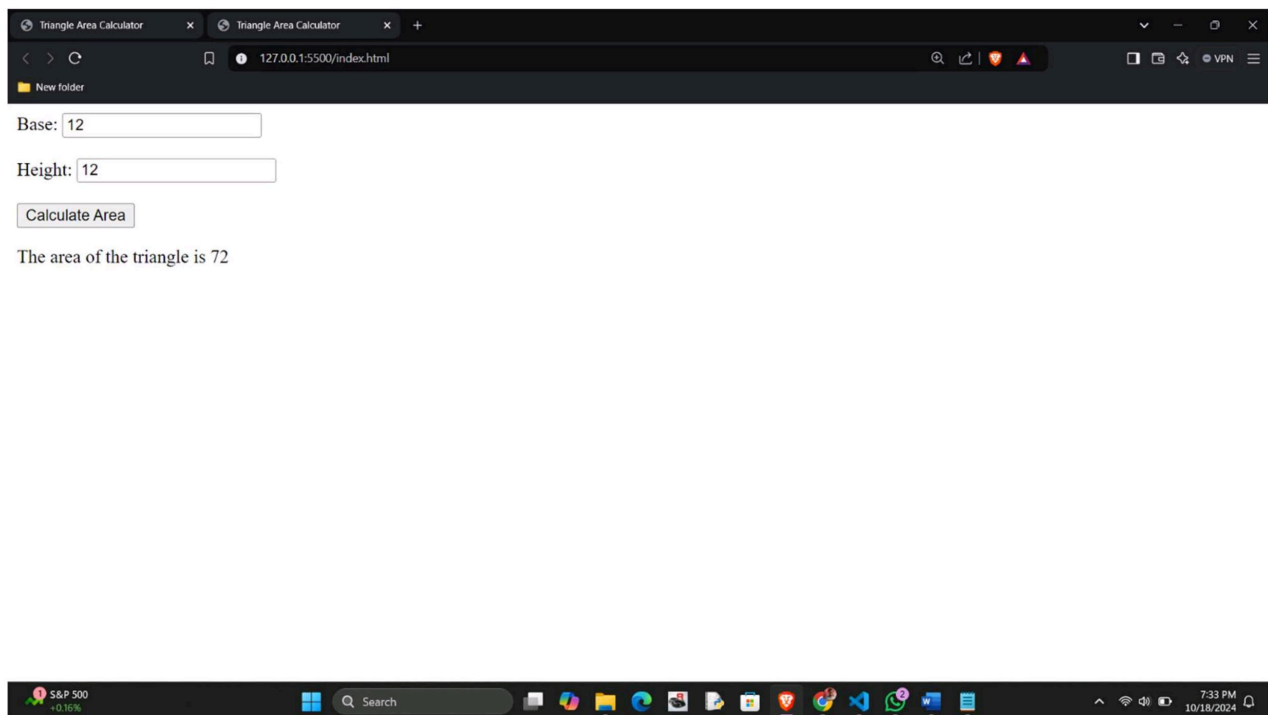
//EXP-1

1. Area of triangle-

```
<!DOCTYPE html>
<html>
<head>
  <title>Triangle Area Calculator</title>
</head>
<body>
  <label for="base">Base:</label>
  <input type="number" id="base"><br><br>
  <label for="height">Height:</label>
  <input type="number" id="height"><br><br>
  <button onclick="calculateArea()">Calculate Area</button>
  <p id="result"></p>

  <script>
    function calculateArea() {
      var base = prompt("Enter the base of the triangle:", "0");
      var height = prompt("Enter the height of the triangle:", "0");
      var area = (base * height) / 2;
      document.getElementById("result").innerHTML = "The area of the triangle is " + area;
    }
  </script>
</body>
</html>
</html>
```

Output-



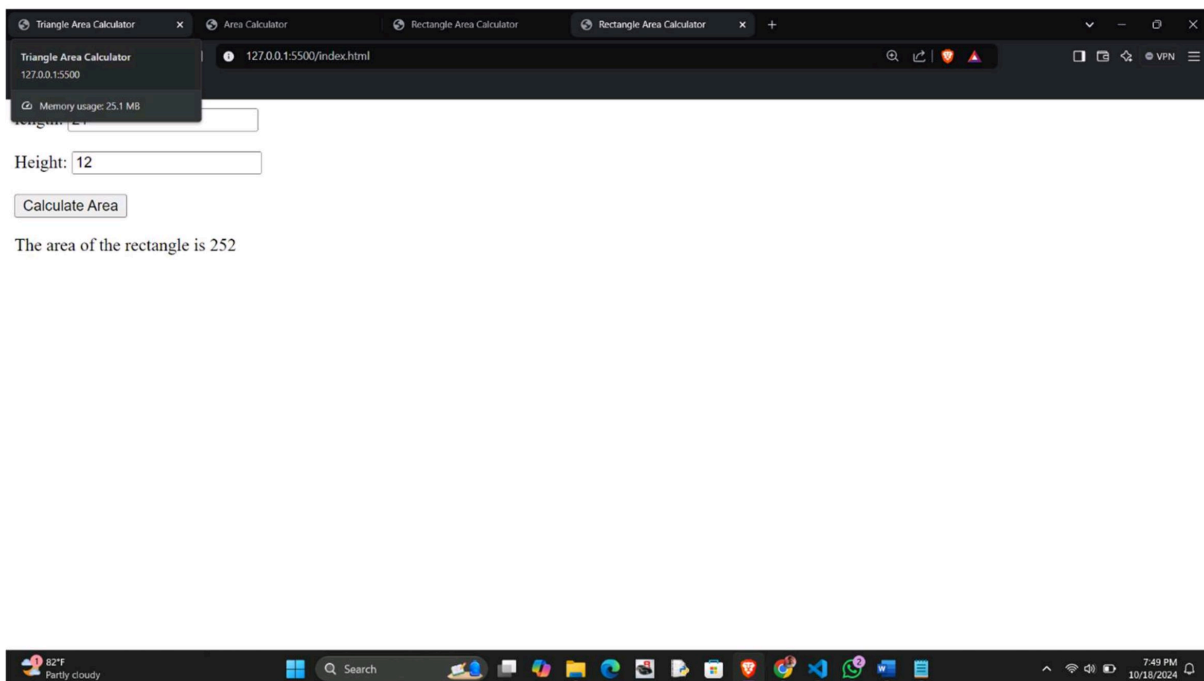
2. Area of recangle-

```
<!DOCTYPE html>
<html>
<head>
  <title>Rectangle Area Calculator</title>
</head>
<body>
  <label for="length">length:</label>
  <input type="number" id="length"><br><br>
  <label for=" width">Height:</label>
  <input type="number" id="width"><br><br>
  <button onclick="calculateArea()">Calculate Area</button>
  <p id="result"></p>

  <script>
    function calculateArea() {
      var length = prompt("Enter the length of the rectangle:", "0");
      var width = prompt("Enter the width of the rectangle:", "0");
```

```
var area = length * width;  
document.getElementById("result").innerHTML = "The area of the rectangle is " +  
area;  
}  
</script>  
</body>  
</html>  
</html>
```

Output-



3. Area of circle-

```
<!DOCTYPE html>
<html>
<head>
  <title>Circle Area Calculator</title>
</head>
<body>

<h1>Circle Area Calculator</h1>

<label for="radius">Radius:</label>
<input type="number" id="radius"><br><br>
<button onclick="calculateArea()">Calculate Area</button>
<p id="result"></p>

<script>
  function calculateArea() {
    var radius = prompt("Enter the radius of the circle:", "0");

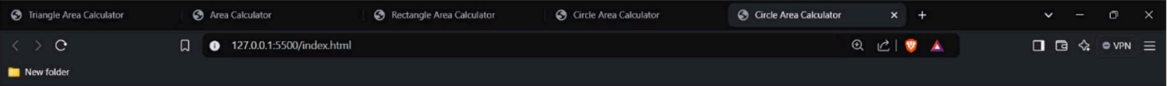
    // Convert input to number
    radius = parseFloat(radius);

    // Calculate area
    var area = Math.PI * radius * radius;

    // Display the result
    document.getElementById("result").innerHTML = "The area of the circle is: " +
area.toFixed(2);
  }
</script>

</body>
</html>
```

Output –



Circle Area Calculator

Radius:

The area of the circle is: 452.39

