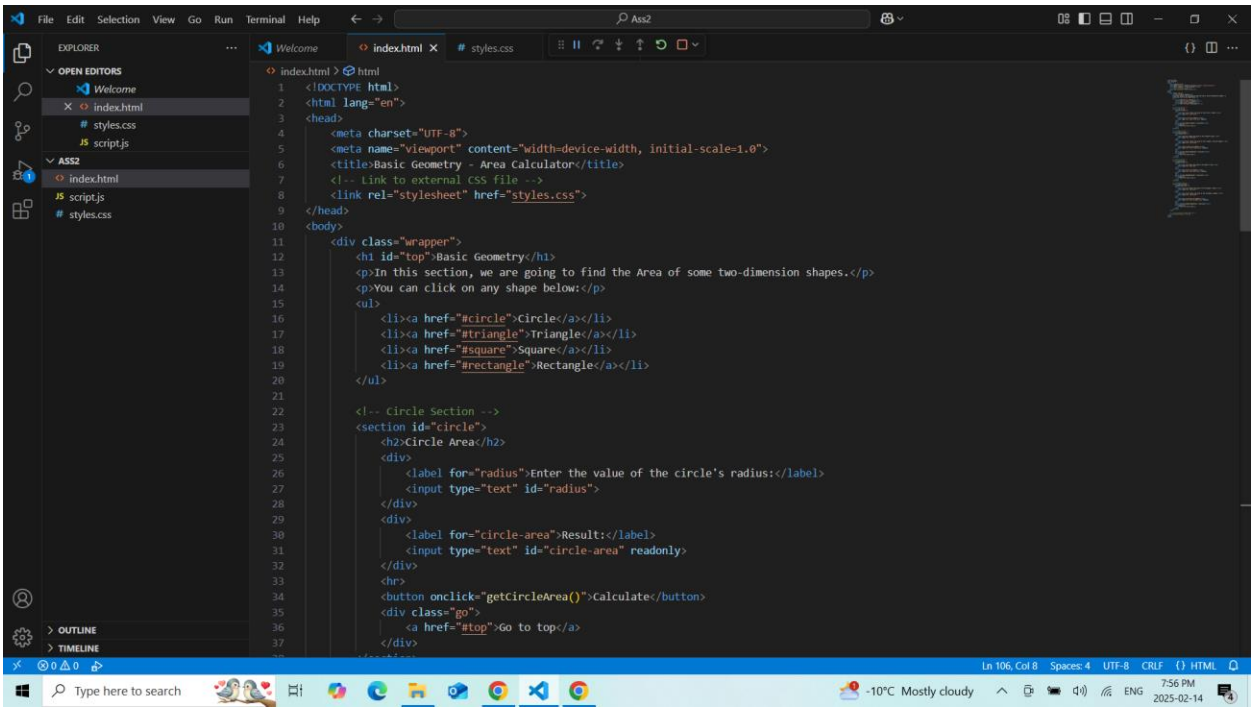

File Edit Selection View Go Run Terminal Help
Ass2
EXPLORER
OPEN EDITORS
Welcome
index.html
styles.css
script.js
ASS2
index.html
script.js
styles.css
OUTLINE
TIMELINE
Welcome
index.html
styles.css
index.html > html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Basic Geometry - Area Calculator</title>
<!-- Link to external CSS file -->
<link rel="stylesheet" href="styles.css">
</head>
<body>

<h1 id="top">Basic Geometry</h1>
In this section, we are going to find the Area of some two-dimension shapes.
You can click on any shape below:

Circle
Triangle
Square
Rectangle

<!-- Circle Section -->
<section id="circle">
<h2>Circle Area</h2>

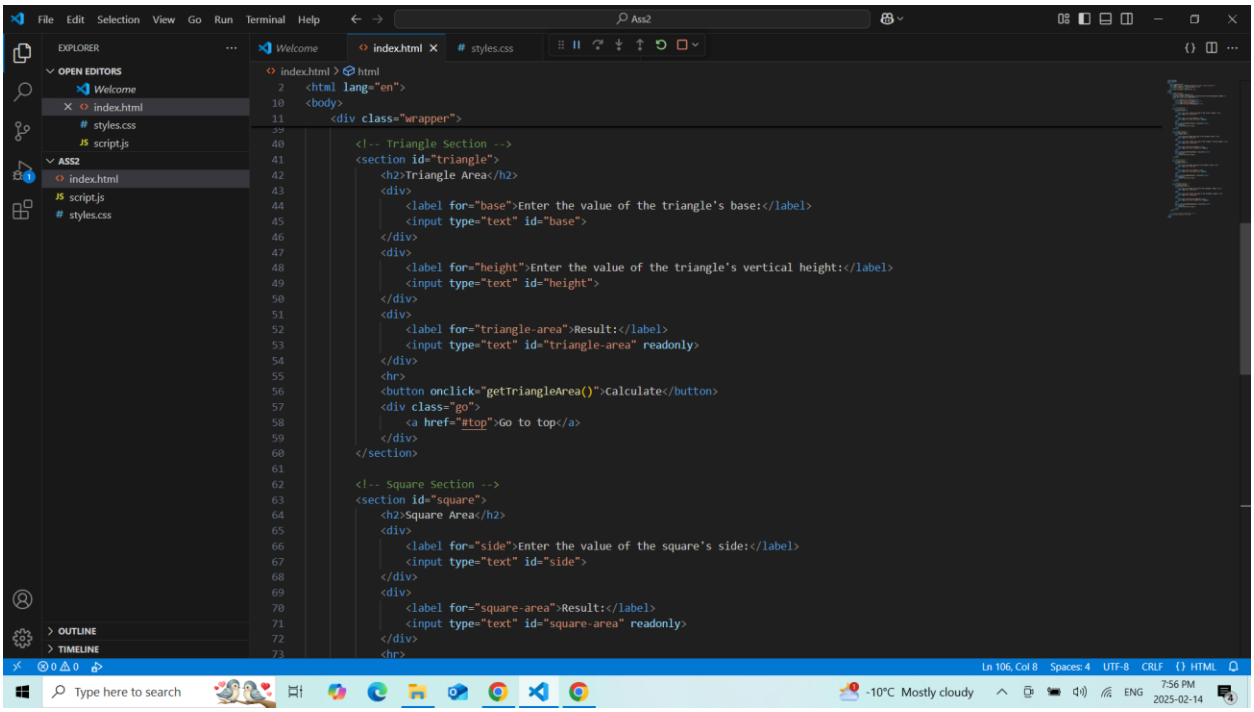
<label for="radius">Enter the value of the circle's radius:</label>
<input type="text" id="radius">

<label for="circle-area">Result:</label>
<input type="text" id="circle-area" readonly>

<hr>
<button onclick="getCircleArea()">Calculate</button>

Go to top

Ln 106, Col 8 Spaces: 4 UTF-8 CRLF {} HTML
Type here to search
-10°C Mostly cloudy
ENG
7:56 PM
2025-02-14


File Edit Selection View Go Run Terminal Help
Ass2
EXPLORER
OPEN EDITORS
Welcome
index.html
styles.css
script.js
ASS2
index.html
script.js
styles.css
OUTLINE
TIMELINE
Welcome
index.html
styles.css
index.html > html
<html lang="en">
<body>

<!-- Triangle Section -->
<section id="triangle">
<h2>Triangle Area</h2>

<label for="base">Enter the value of the triangle's base:</label>
<input type="text" id="base">

<label for="height">Enter the value of the triangle's vertical height:</label>
<input type="text" id="height">

<label for="triangle-area">Result:</label>
<input type="text" id="triangle-area" readonly>

<hr>
<button onclick="getTriangleArea()">Calculate</button>

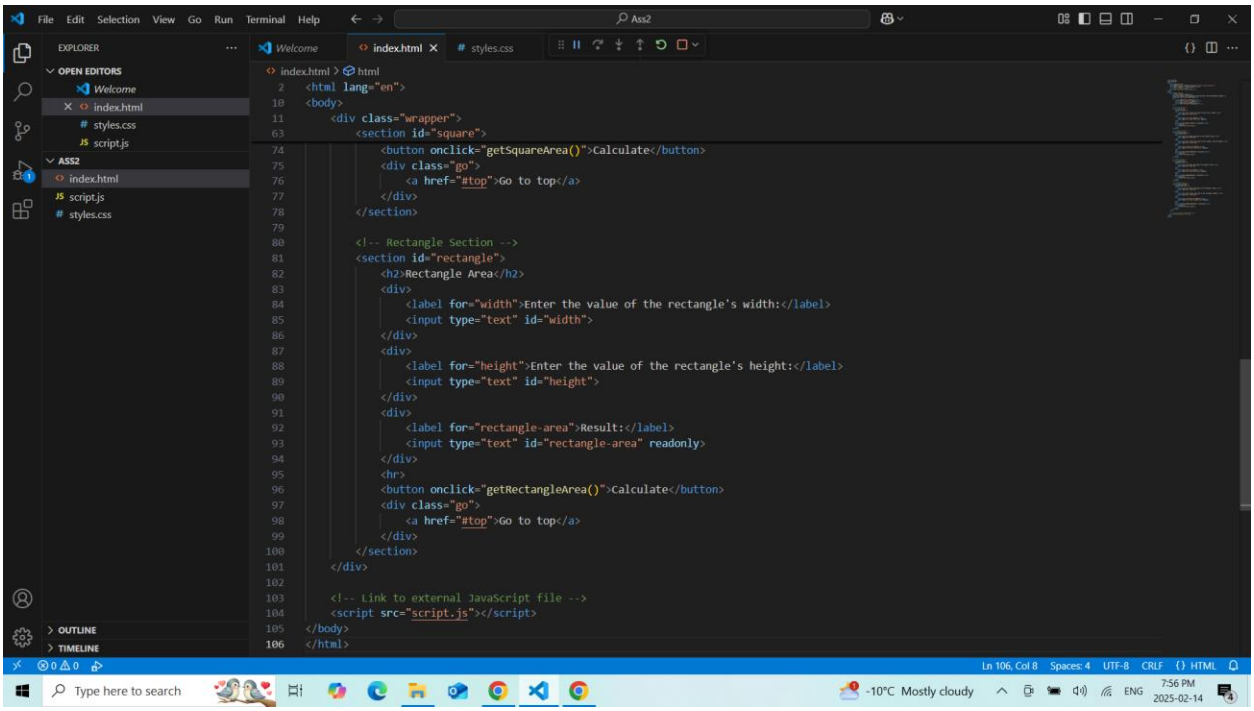
Go to top

</section>
<!-- Square Section -->
<section id="square">
<h2>Square Area</h2>

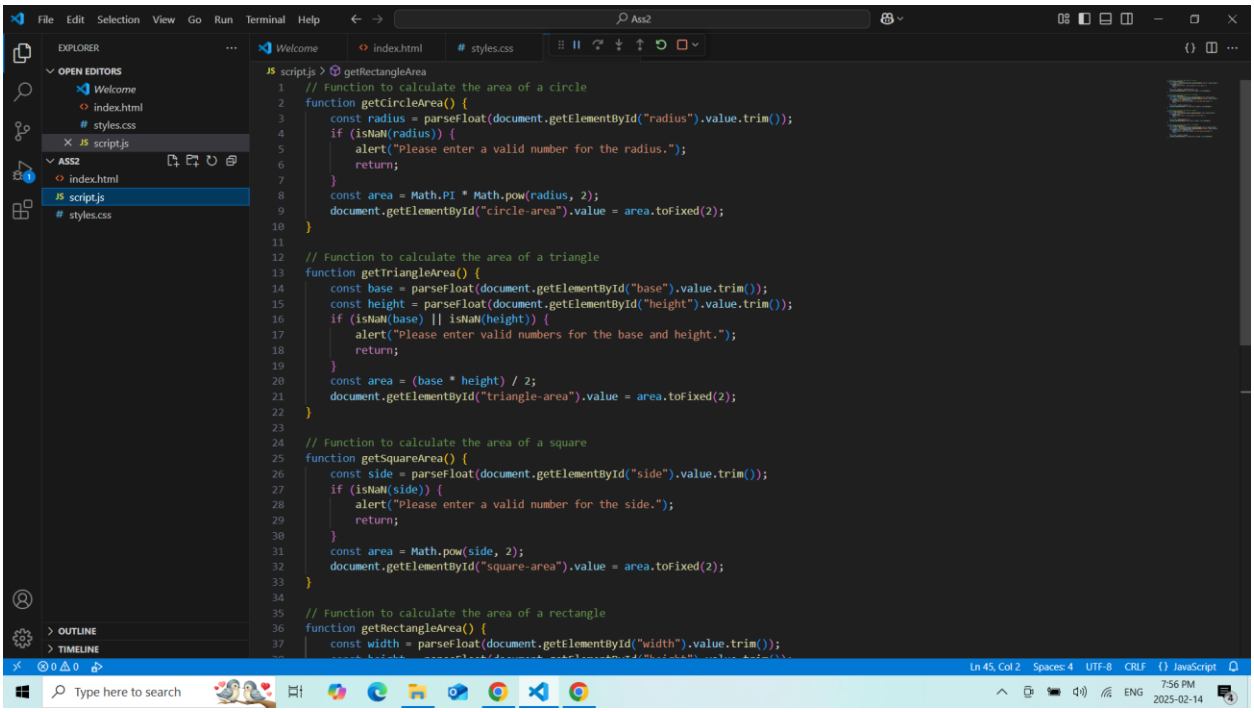
<label for="side">Enter the value of the square's side:</label>
<input type="text" id="side">

<label for="square-area">Result:</label>
<input type="text" id="square-area" readonly>

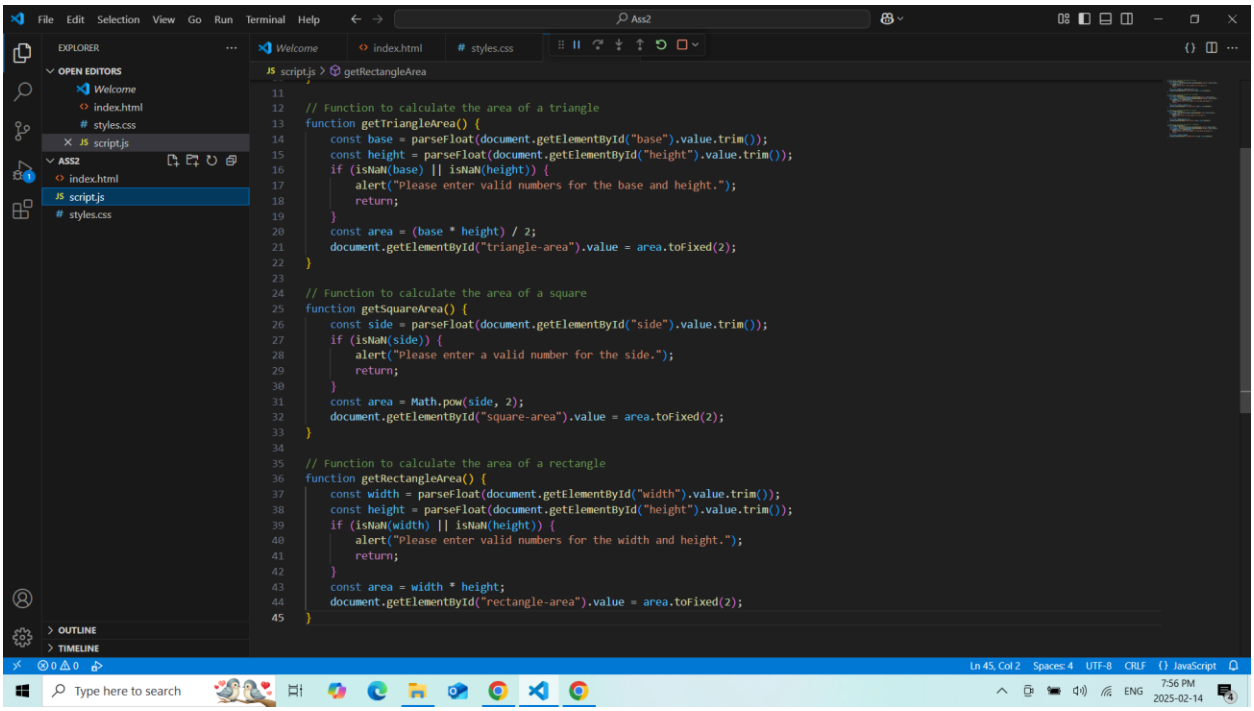
Ln 106, Col 8 Spaces: 4 UTF-8 CRLF {} HTML
Type here to search
-10°C Mostly cloudy
ENG
7:56 PM
2025-02-14

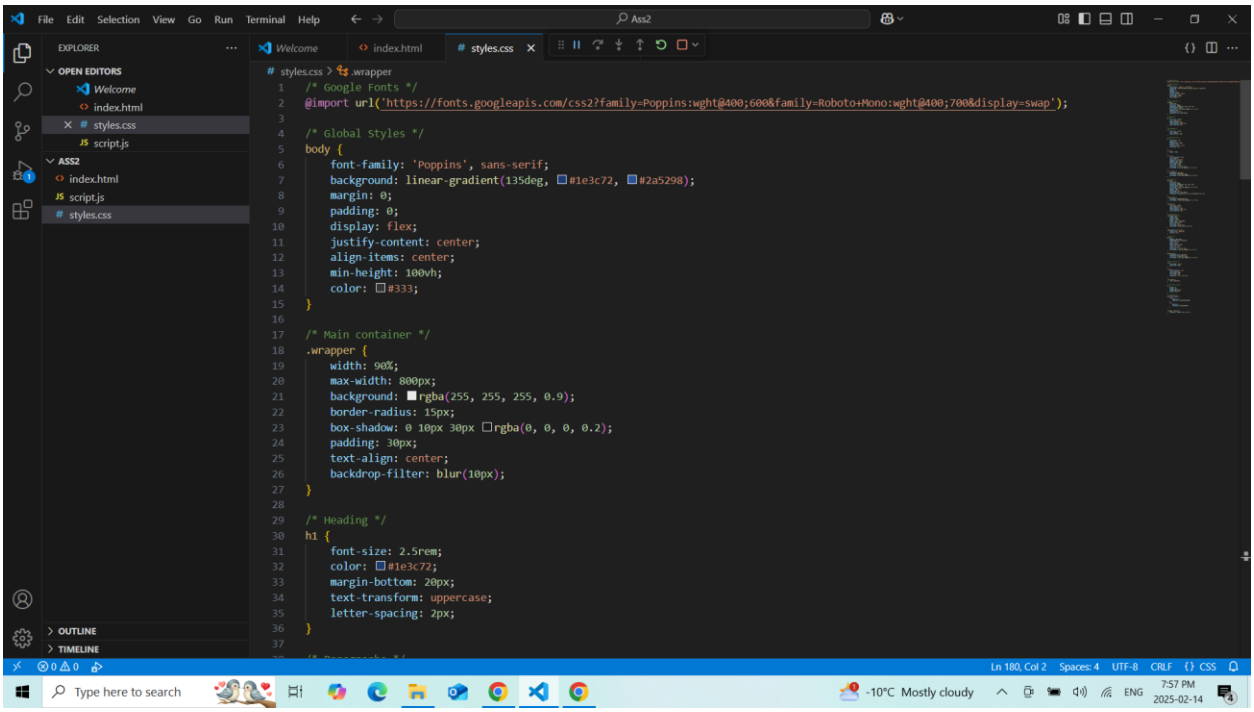


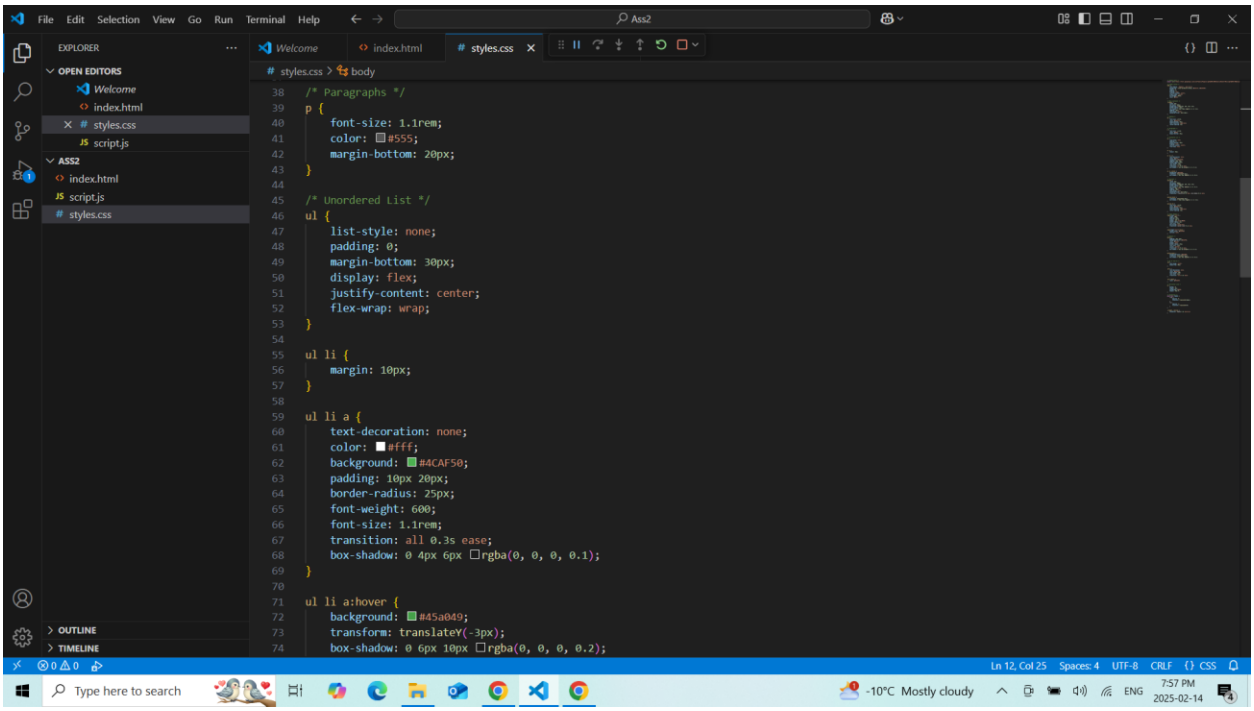
```
<html lang="en">
<body>
    <div class="wrapper">
        <section id="square">
            <button onclick="getSquareArea()">Calculate</button>
            <div class="go">
                <a href="#top">Go to top</a>
            </div>
        </section>

        <!-- Rectangle Section -->
        <section id="rectangle">
            <h2>Rectangle Area</h2>
            <div>
                <label for="width">Enter the value of the rectangle's width:</label>
                <input type="text" id="width">
            </div>
            <div>
                <label for="height">Enter the value of the rectangle's height:</label>
                <input type="text" id="height">
            </div>
            <div>
                <label for="rectangle-area">Result:</label>
                <input type="text" id="rectangle-area" readonly>
            </div>
            <hr>
            <button onclick="getRectangleArea()">Calculate</button>
            <div class="go">
                <a href="#top">Go to top</a>
            </div>
        </section>
    </div>

    <!-- Link to external JavaScript file -->
    <script src="script.js"></script>
</body>
</html>
```

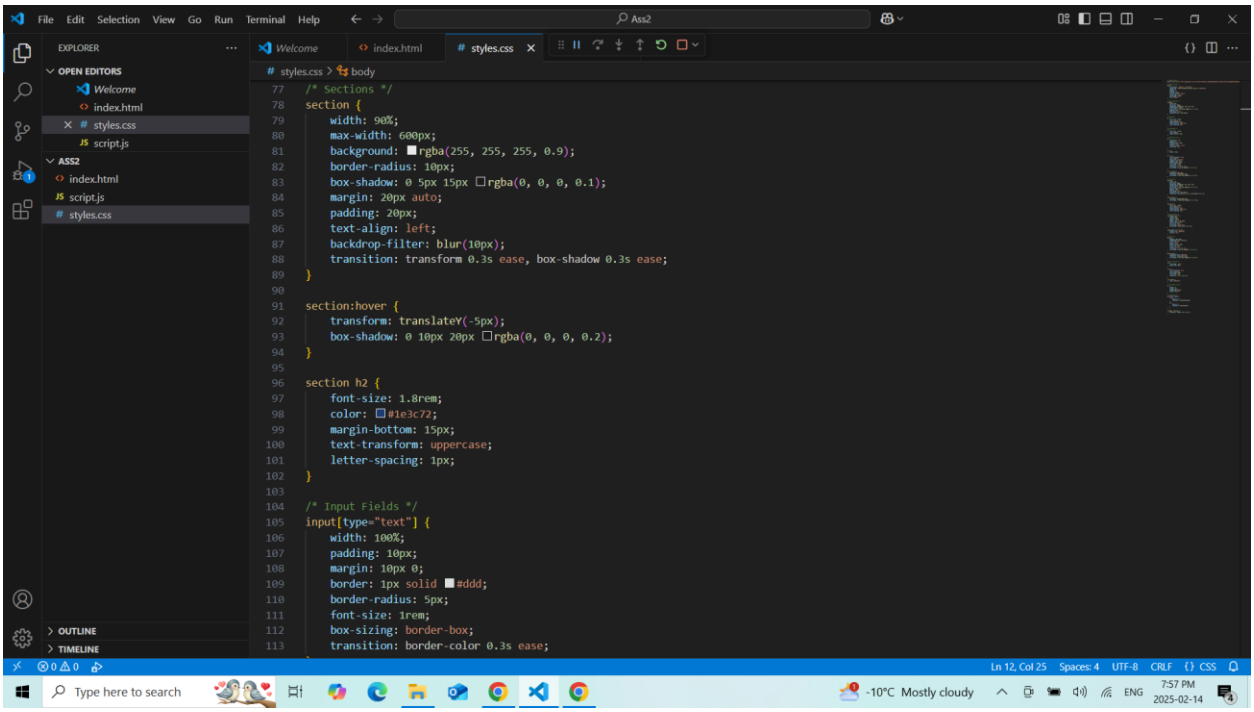


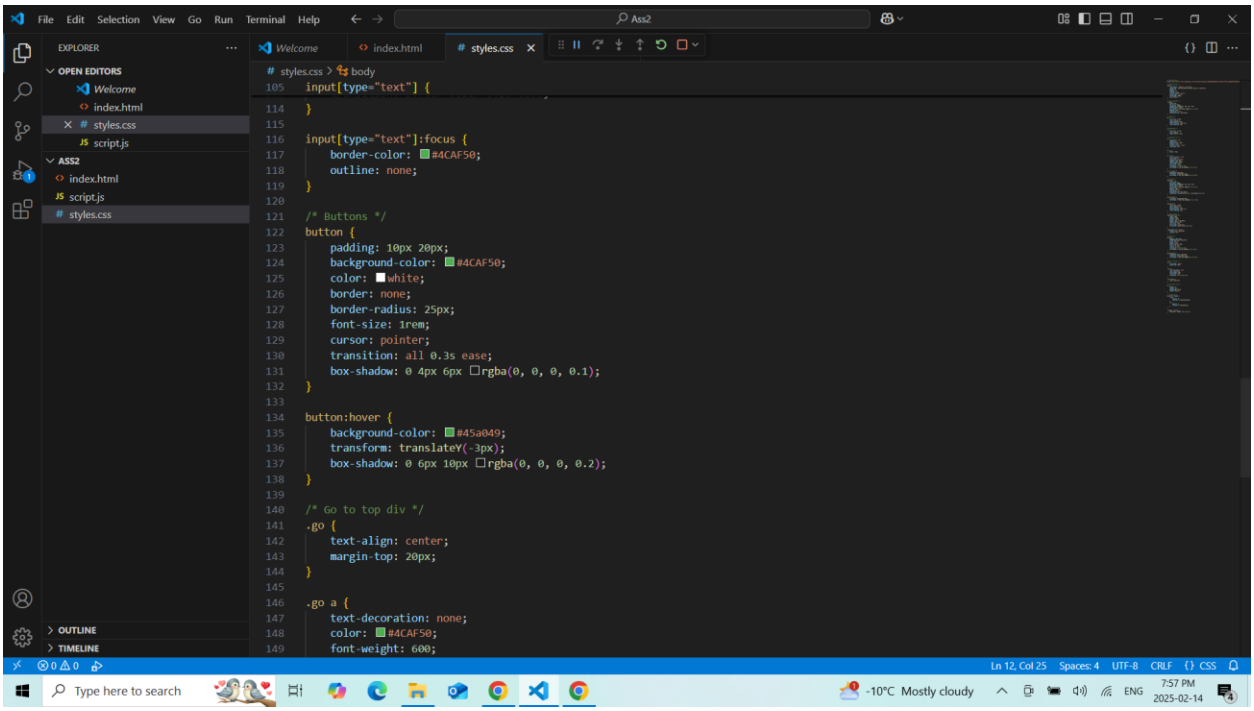
```
// Function to calculate the area of a circle
function getCircleArea() {
    const radius = parseFloat(document.getElementById("radius").value.trim());
    if (isNaN(radius)) {
        alert("Please enter a valid number for the radius.");
        return;
    }
    const area = Math.PI * Math.pow(radius, 2);
    document.getElementById("circle-area").value = area.toFixed(2);
}

// Function to calculate the area of a triangle
function getTriangleArea() {
    const base = parseFloat(document.getElementById("base").value.trim());
    const height = parseFloat(document.getElementById("height").value.trim());
    if (isNaN(base) || isNaN(height)) {
        alert("Please enter valid numbers for the base and height.");
        return;
    }
    const area = (base * height) / 2;
    document.getElementById("triangle-area").value = area.toFixed(2);
}

// Function to calculate the area of a square
function getSquareArea() {
    const side = parseFloat(document.getElementById("side").value.trim());
    if (isNaN(side)) {
        alert("Please enter a valid number for the side.");
        return;
    }
    const area = Math.pow(side, 2);
    document.getElementById("square-area").value = area.toFixed(2);
}

// Function to calculate the area of a rectangle
function getRectangleArea() {
    const width = parseFloat(document.getElementById("width").value.trim());
```


File Edit Selection View Go Run Terminal Help
Ass2
EXPLORER
OPEN EDITORS
Welcome
index.html
styles.css
script.js
ASS2
index.html
script.js
styles.css
OUTLINE
TIMELINE
Welcome
index.html
styles.css
script.js
getRectangleArea
// Function to calculate the area of a triangle
function getTriangleArea() {
const base = parseFloat(document.getElementById("base").value.trim());
const height = parseFloat(document.getElementById("height").value.trim());
if (isNaN(base) || isNaN(height)) {
alert("Please enter valid numbers for the base and height.");
return;
}
const area = (base * height) / 2;
document.getElementById("triangle-area").value = area.toFixed(2);
}
// Function to calculate the area of a square
function getSquareArea() {
const side = parseFloat(document.getElementById("side").value.trim());
if (isNaN(side)) {
alert("Please enter a valid number for the side.");
return;
}
const area = Math.pow(side, 2);
document.getElementById("square-area").value = area.toFixed(2);
}
// Function to calculate the area of a rectangle
function getRectangleArea() {
const width = parseFloat(document.getElementById("width").value.trim());
const height = parseFloat(document.getElementById("height").value.trim());
if (isNaN(width) || isNaN(height)) {
alert("Please enter valid numbers for the width and height.");
return;
}
const area = width * height;
document.getElementById("rectangle-area").value = area.toFixed(2);
}
Ln 45, Col 2 Spaces: 4 UTF-8 CRLF JavaScript
Type here to search
ENG
7:56 PM
2025-02-14

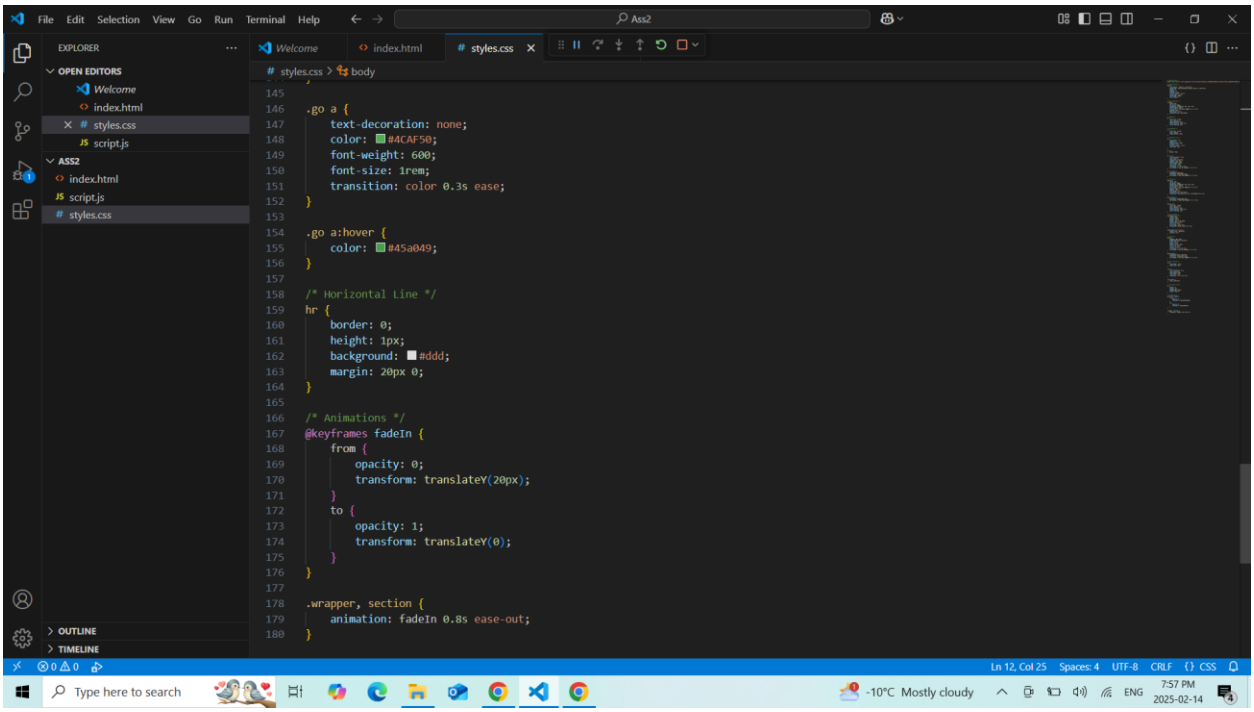

File Edit Selection View Go Run Terminal Help
Ass2
EXPLORER
OPEN EDITORS
Welcome
index.html
styles.css
script.js
ASS2
index.html
script.js
styles.css
OUTLINE
TIMELINE
Welcome
index.html
styles.css
styles.css
.wrapper
/* Google Fonts */
@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&family=Roboto+Mono:wght@400;700&display=swap');
/* Global Styles */
body {
font-family: 'Poppins', sans-serif;
background: linear-gradient(135deg, #1e3c72, #2a5298);
margin: 0;
padding: 0;
display: flex;
justify-content: center;
align-items: center;
min-height: 100vh;
color: #333;
}
/* Main container */
.wrapper {
width: 90%;
max-width: 800px;
background: rgba(255, 255, 255, 0.9);
border-radius: 15px;
box-shadow: 0 10px 30px rgba(0, 0, 0, 0.2);
padding: 30px;
text-align: center;
backdrop-filter: blur(10px);
}
/* Heading */
h1 {
font-size: 2.5rem;
color: #1e3c72;
margin-bottom: 20px;
text-transform: uppercase;
letter-spacing: 2px;
}
Ln 180, Col 2 Spaces: 4 UTF-8 CRLF CSS
Type here to search
-10°C Mostly cloudy
ENG
7:57 PM
2025-02-14


File Edit Selection View Go Run Terminal Help
Ass2
EXPLORER
OPEN EDITORS
Welcome
index.html
styles.css
script.js
ASS2
index.html
script.js
styles.css
OUTLINE
TIMELINE
Welcome
index.html
styles.css
styles.css > body
/* Paragraphs */
p {
font-size: 1.1rem;
color: #555;
margin-bottom: 20px;
}
/* Unordered List */
ul {
list-style: none;
padding: 0;
margin-bottom: 30px;
display: flex;
justify-content: center;
flex-wrap: wrap;
}
ul li {
margin: 10px;
}
ul li a {
text-decoration: none;
color: #fff;
background: #4CAF50;
padding: 10px 20px;
border-radius: 25px;
font-weight: 600;
font-size: 1.1rem;
transition: all 0.3s ease;
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}
ul li a:hover {
background: #45a049;
transform: translateY(-3px);
box-shadow: 0 6px 10px rgba(0, 0, 0, 0.2);
Ln 12, Col 25 Spaces: 4 UTF-8 CRLF {} CSS
Type here to search
-10°C Mostly cloudy
ENG
7:57 PM
2025-02-14

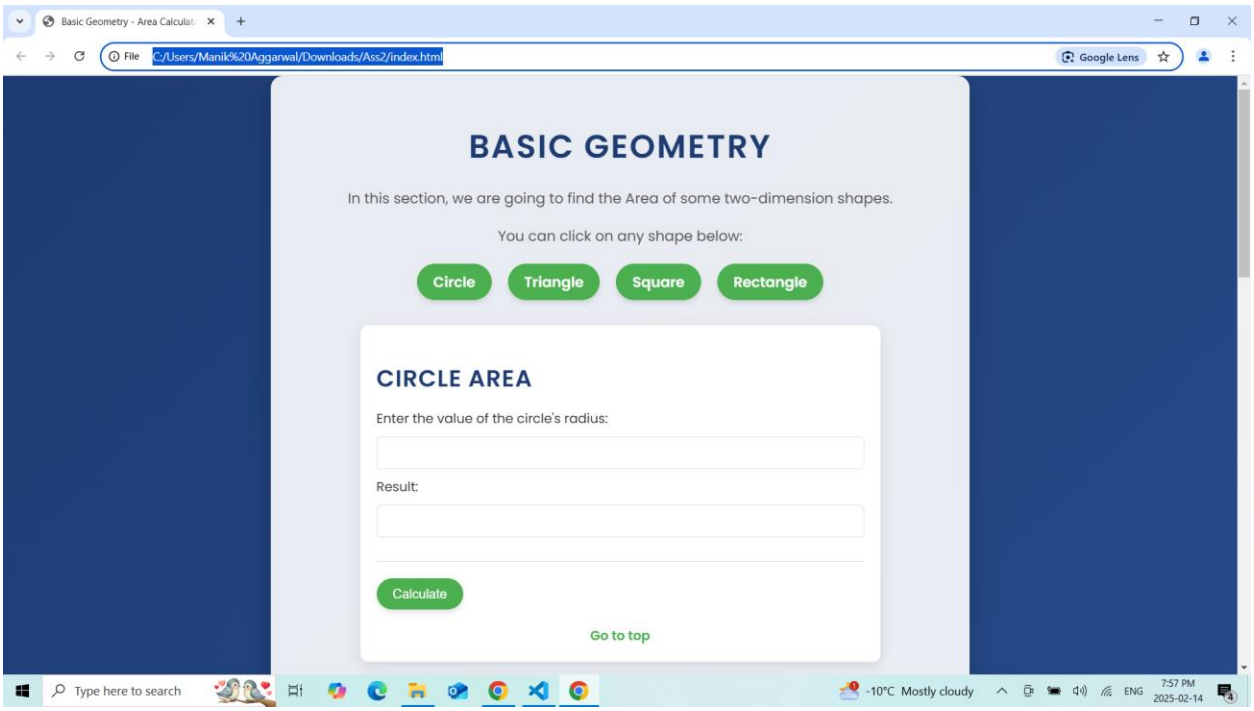

File Edit Selection View Go Run Terminal Help
Ass2
EXPLORER
OPEN EDITORS
Welcome
index.html
styles.css
script.js
ASS2
index.html
script.js
styles.css
OUTLINE
TIMELINE
Welcome
index.html
styles.css
styles.css > body
/* Sections */
section {
width: 90%;
max-width: 600px;
background: rgba(255, 255, 255, 0.9);
border-radius: 10px;
box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);
margin: 20px auto;
padding: 20px;
text-align: left;
backdrop-filter: blur(10px);
transition: transform 0.3s ease, box-shadow 0.3s ease;
}
section:hover {
transform: translateY(-5px);
box-shadow: 0 10px 20px rgba(0, 0, 0, 0.2);
}
section h2 {
font-size: 1.8rem;
color: #1e3c72;
margin-bottom: 15px;
text-transform: uppercase;
letter-spacing: 1px;
}
/* Input Fields */
input[type="text"] {
width: 100%;
padding: 10px;
margin: 10px 0;
border: 1px solid #ddd;
border-radius: 5px;
font-size: 1rem;
box-sizing: border-box;
transition: border-color 0.3s ease;
Ln 12, Col 25 Spaces: 4 UTF-8 CRLF {} CSS
Type here to search
-10°C Mostly cloudy
ENG
7:57 PM
2025-02-14

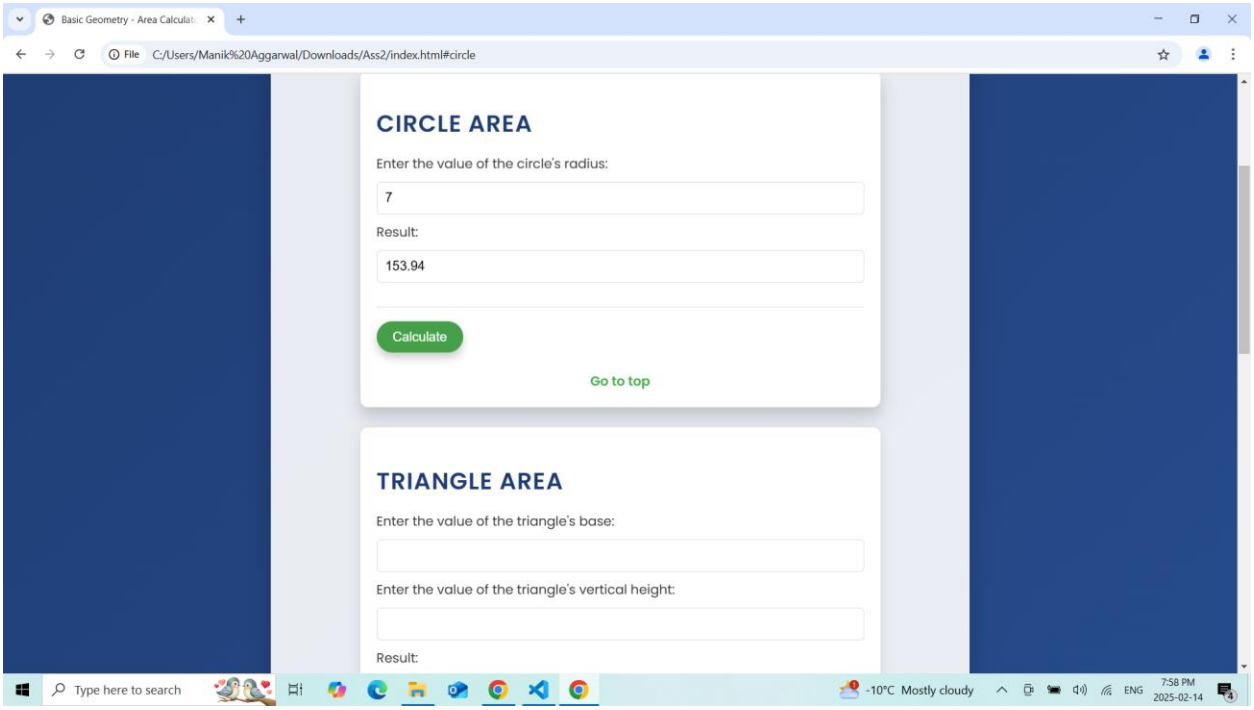


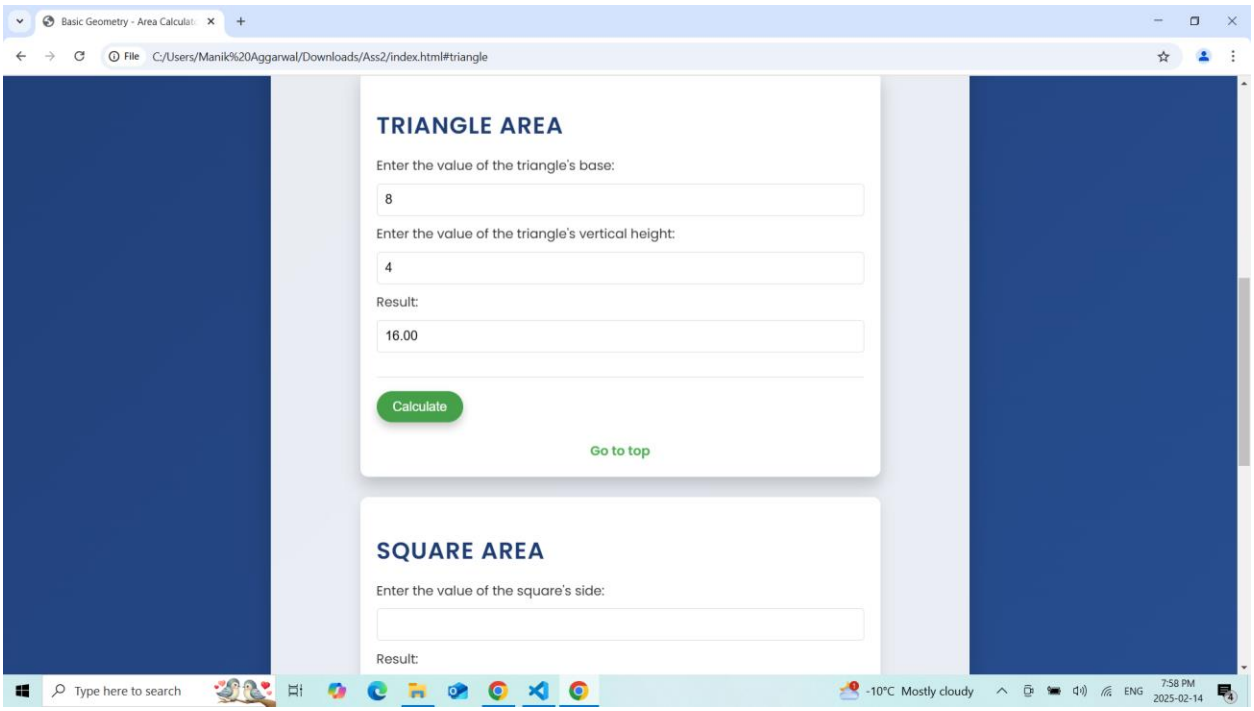
```
input[type="text"] {
}

input[type="text"]:focus {
    border-color: #4CAF50;
    outline: none;
}

/* Buttons */
button {
    padding: 10px 20px;
    background-color: #4CAF50;
    color: white;
    border: none;
    border-radius: 25px;
    font-size: 1rem;
    cursor: pointer;
    transition: all 0.3s ease;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}

button:hover {
    background-color: #45a049;
    transform: translateY(-3px);
    box-shadow: 0 6px 10px rgba(0, 0, 0, 0.2);
}

/* Go to top div */
.go {
    text-align: center;
    margin-top: 20px;
}

.go a {
    text-decoration: none;
    color: #4CAF50;
    font-weight: 600;
```

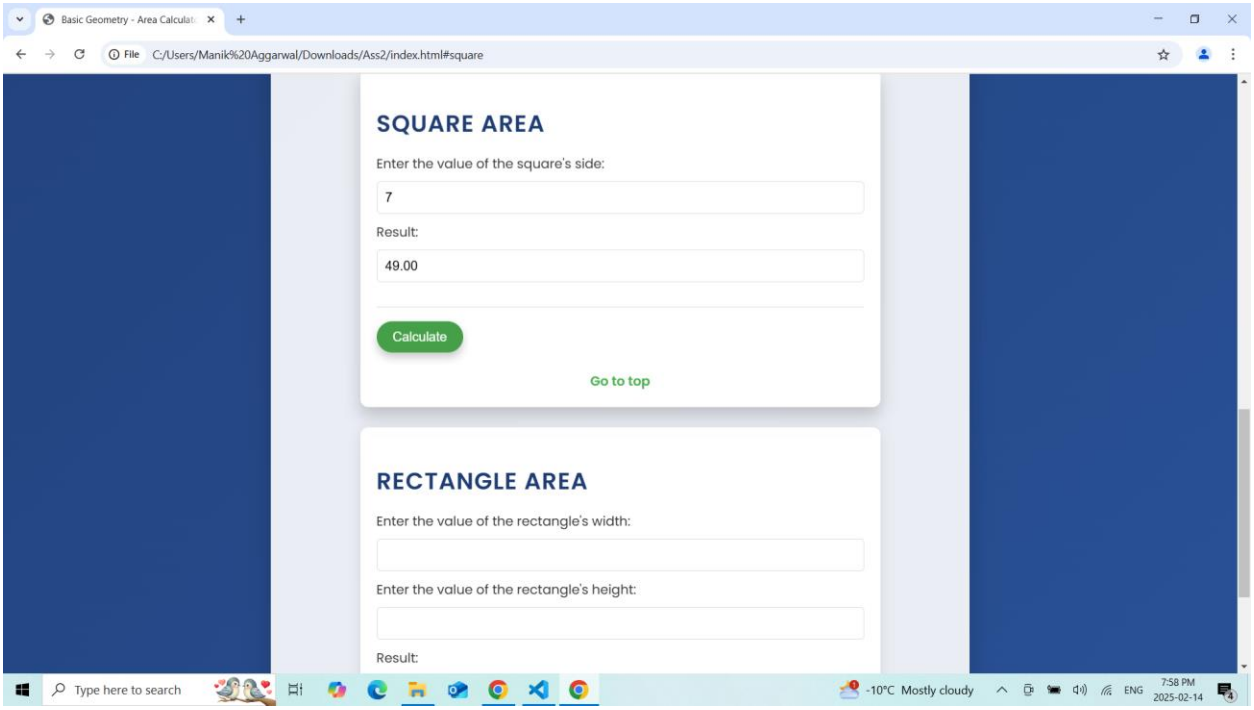


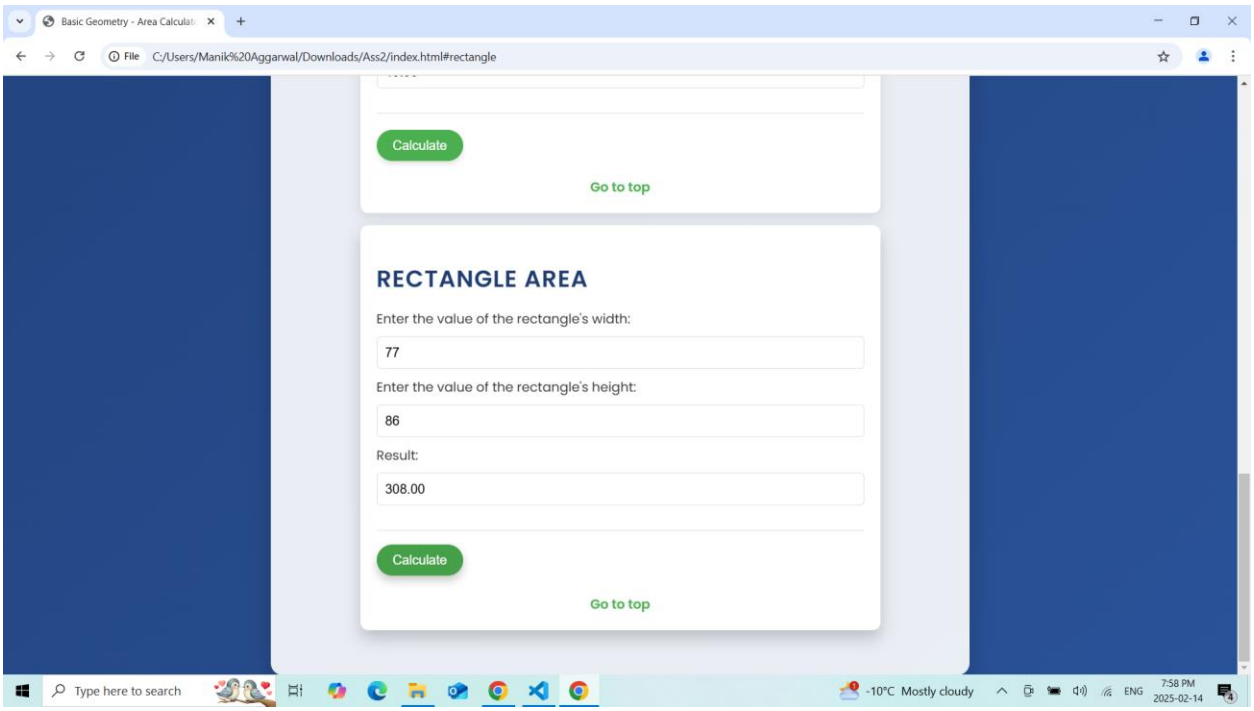
```
.go a {
    text-decoration: none;
    color: #4CAF50;
    font-weight: 600;
    font-size: 1rem;
    transition: color 0.3s ease;
}

.go a:hover {
    color: #45a049;
}

/* Horizontal Line */
hr {
    border: 0;
    height: 1px;
    background: #ddd;
    margin: 20px 0;
}

/* Animations */
@keyframes fadeIn {
    from {
        opacity: 0;
        transform: translateY(20px);
    }
    to {
        opacity: 1;
        transform: translateY(0);
    }
}

.wrapper, section {
    animation: fadeIn 0.8s ease-out;
}
```

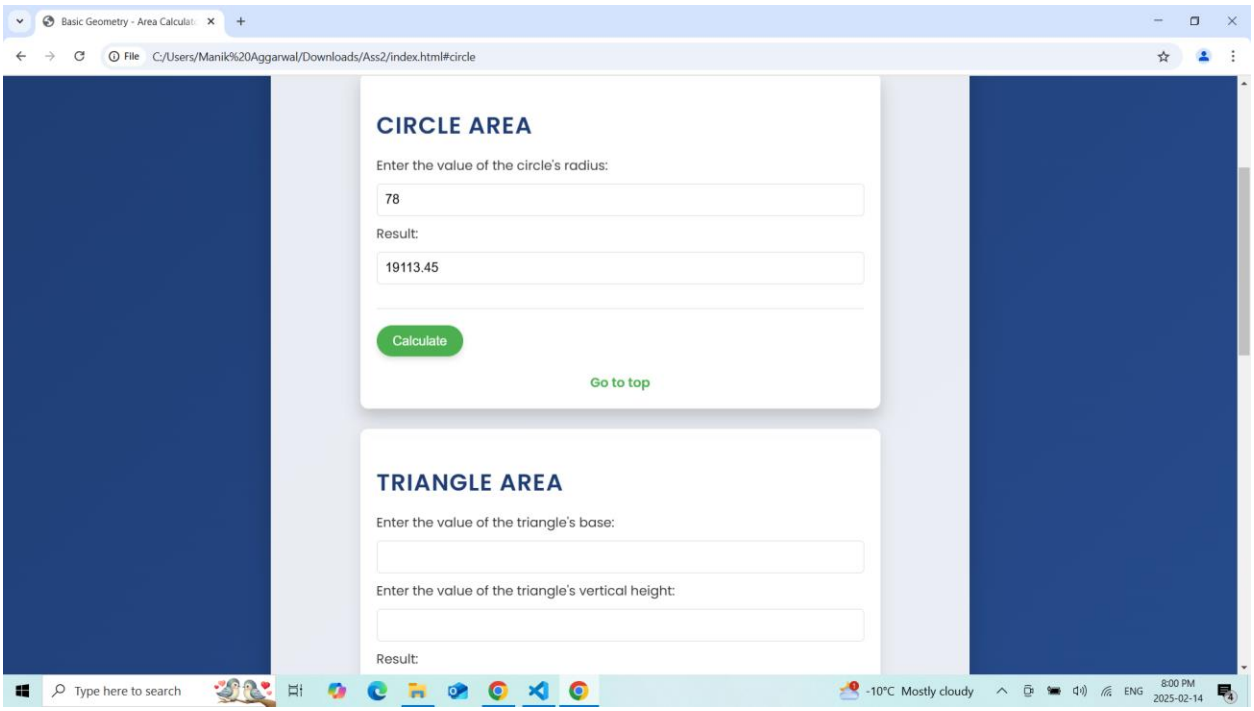

Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html
Google Lens
BASIC GEOMETRY
In this section, we are going to find the Area of some two-dimension shapes.
You can click on any shape below:
Circle
Triangle
Square
Rectangle
CIRCLE AREA
Enter the value of the circle's radius:
Result:
Calculate
Go to top
Type here to search
-10°C Mostly cloudy
ENG
7:57 PM
2025-02-14

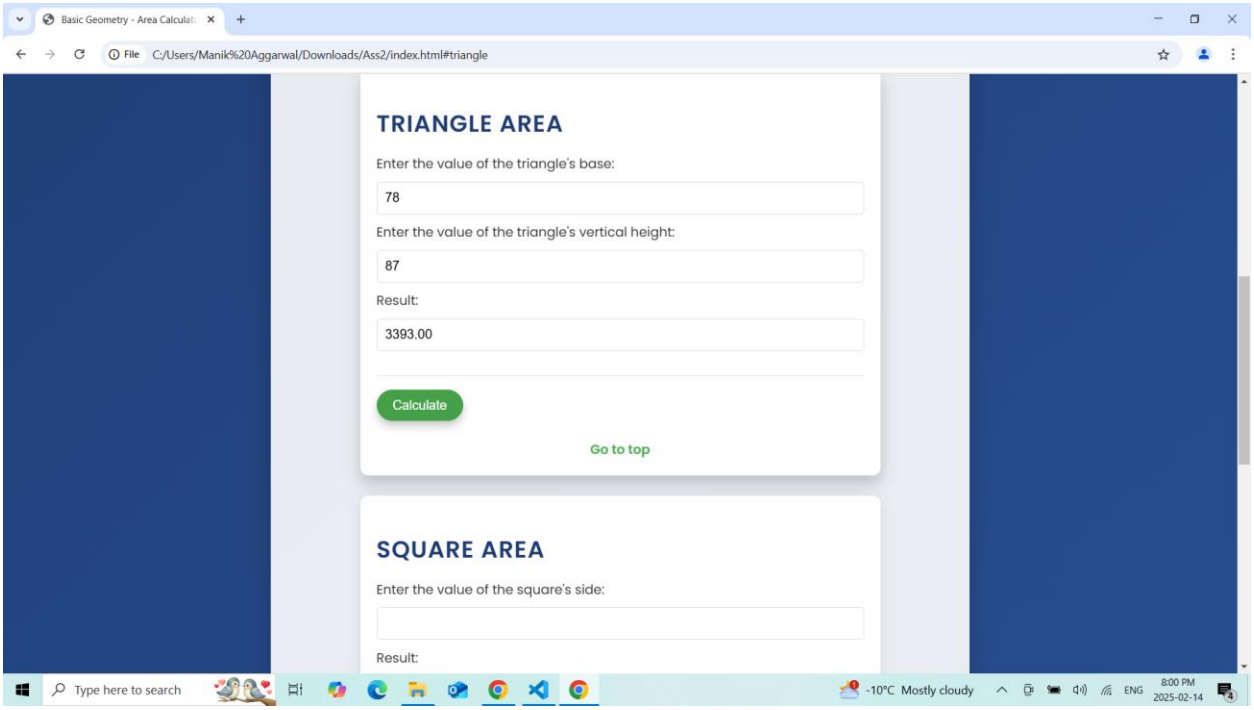

Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#circle
CIRCLE AREA
Enter the value of the circle's radius:
7
Result:
153.94
Calculate
Go to top
TRIANGLE AREA
Enter the value of the triangle's base:
Enter the value of the triangle's vertical height:
Result:
Type here to search
-10°C Mostly cloudy
ENG
7:58 PM
2025-02-14

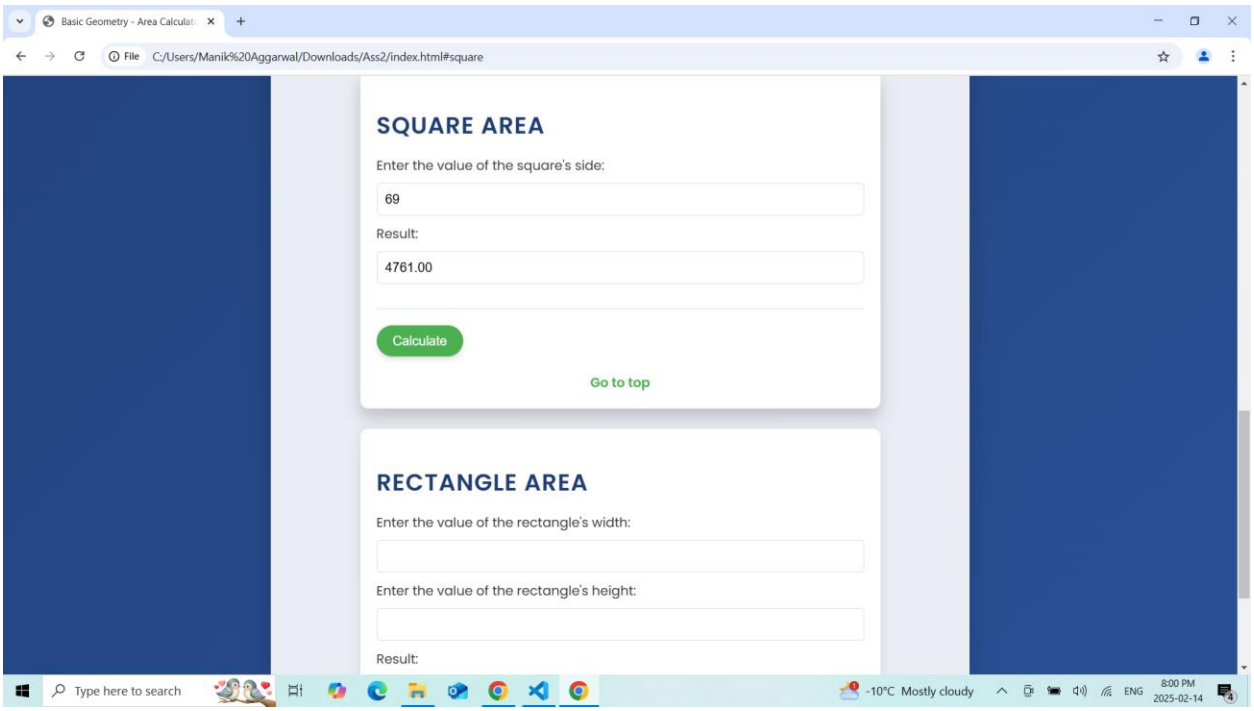

Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#triangle
TRIANGLE AREA
Enter the value of the triangle's base:
8
Enter the value of the triangle's vertical height:
4
Result:
16.00
Calculate
Go to top
SQUARE AREA
Enter the value of the square's side:
Result:
Type here to search
-10°C Mostly cloudy
ENG
7:58 PM
2025-02-14

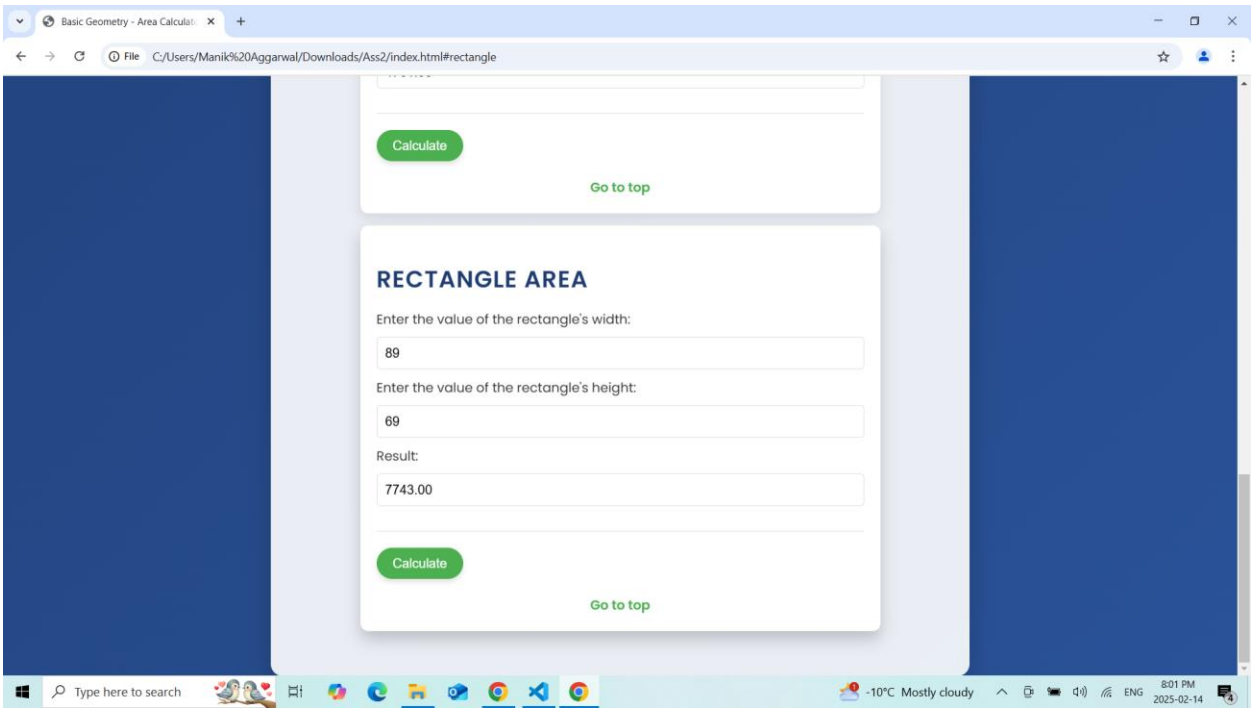

Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#square
SQUARE AREA
Enter the value of the square's side:
7
Result:
49.00
Calculate
Go to top
RECTANGLE AREA
Enter the value of the rectangle's width:
Enter the value of the rectangle's height:
Result:
Type here to search
-10°C Mostly cloudy
ENG
7:58 PM
2025-02-14


Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#rectangle
Calculate
Go to top
RECTANGLE AREA
Enter the value of the rectangle's width:
77
Enter the value of the rectangle's height:
86
Result:
308.00
Calculate
Go to top
Type here to search
-10°C Mostly cloudy
ENG
7:58 PM
2025-02-14


Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#circle
CIRCLE AREA
Enter the value of the circle's radius:
78
Result:
19113.45
Calculate
Go to top
TRIANGLE AREA
Enter the value of the triangle's base:
Enter the value of the triangle's vertical height:
Result:
Type here to search
-10°C Mostly cloudy
ENG
8:00 PM
2025-02-14


Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#triangle
TRIANGLE AREA
Enter the value of the triangle's base:
78
Enter the value of the triangle's vertical height:
87
Result:
3393.00
Calculate
Go to top
SQUARE AREA
Enter the value of the square's side:
Result:
Type here to search
-10°C Mostly cloudy
ENG
8:00 PM
2025-02-14


Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#square
SQUARE AREA
Enter the value of the square's side:
69
Result:
4761.00
Calculate
Go to top
RECTANGLE AREA
Enter the value of the rectangle's width:
Enter the value of the rectangle's height:
Result:
Type here to search
-10°C Mostly cloudy
ENG
8:00 PM
2025-02-14


Basic Geometry - Area Calculat
File C:/Users/Manik%20Aggarwal/Downloads/Ass2/index.html#rectangle
Calculate
Go to top
RECTANGLE AREA
Enter the value of the rectangle's width:
89
Enter the value of the rectangle's height:
69
Result:
7743.00
Calculate
Go to top
Type here to search
-10°C Mostly cloudy
ENG
8:01 PM
2025-02-14