1ˢᵗ exercise

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Debugging Exercise</title>
<style>
body {
font-family: Arial, sans-serif;
background-color: #f4f4f4;
color: #333;
margin: 20px;
}

h1 {
color: #007bff;
}

p {
font-size: 16px;
margin-bottom: 20px;
}

.important-text {
font-weight: bold;
color: #d9534f;
}
</style>
</head>
<body>

<h1>Debugging Exercise</h1>

<p>This is a paragraph with some <span class="important-text">important text</span>.</p>

<p>Here's an unordered list:</p>
<ul>
<li>Item 1</li>
<li>Item 2</li>
<li>Item 3</li>
</ul>
```

```
<p>And here's an ordered list:</p>
<ol>
<li>First item</li>
<li>Second item</li>
<li>Third item</li>
</ol>

<p>This is a <a href="https://www.example.com">link to example.com</a>.</p>

<script>
console.log("Debugging exercise script");
</script>

</body>
</html>

</body>
</html>
```

This code don't have any errors it works just fine.

2nd exercise:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Toggle Element</title>
</head>
<body>
    <button onclick="toggleElement()">Toggle Element</button>
    <div id="target" style="display:none;">This is the target element.</div>

    <script>
        function toggleElement() {
            var element = document.getElementById("target");
            element.style.display = (element.style.display === "none") ? "block" : "none";
        }
    </script>
</body>
</html>
```

This code don't have any errors it works just fine.

3rd exercise

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Centered Container</title>
<style>
.container {


background-color: #f0f0f0;
padding: 20px;
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%,-50%);


}
</style>
</head>
<body>
<div class="container">
<h1>Centered Container</h1>
<p>This container should be centered on the page.</p>
</div>
</body>
</html>
```

Added some CSS alignment to make it center

4th exercise:

```html
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
  function calculateSum(arr) {
  let sum = 0;
  for (let i = 0; i < arr.length; i++) {
  sum += arr[i];
  }
  return sum;
  }

  const numbers = [1, 2, 3, 4, 5];
  const result = calculateSum(numbers);
  console.log(result); // Should output 15
  </script>

</body>
</html>
```

Given html format to get the output

5th exercise:

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Styling Debugging Exercise</title>
<style>
.container {
width: 25%;
margin: 0 auto;
background-color: #f0f0f0;
padding: 20px;
display: grid;
align-items: center;
justify-content: center;
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%,-50%);
}

.box {
width: 100px;
height: 100px;
background-color: #007bff;
color: #ffffff;
text-align: center;
line-height: 100px;
margin: 10px;

}
</style>
</head>
<body>
<div class="container">
<div class="box">Box 1</div>
<div class="box">Box 2</div>
<div class="box">Box 3</div>
```

```
</div>
</body>
</html>
```

**Given CSS alignment to make the gap between the boxes and to make it center.**