```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Multiplication Table Generator</title>
</head>
<body>
  <h3>Multiplication Table Generator</h3>


  <label for="number">Enter a number:</label>
  <input id="number" type="number" placeholder="Enter a number">


  <label for="start">Start Value:</label>
  <input id="start" type="number" placeholder="Start of range">


  <label for="end">End Value:</label>
  <input id="end" type="number" placeholder="End of range">


  <button id="generateBtn" type="button" style="background-color: rgb(77, 176, 80);">Generate</button>


  <span id="errormessage"></span>
  <div id="table">
    <p>3</p>
    <p>6</p>
    <p>9</p>
  </div>
```

```
<script>
  document.getElementById('generateBtn').addEventListener('click', ()=>{
    const number = document.getElementById('number').value;
    const start = document.getElementById('start').value;
    const end = document.getElementById('end').value;

    console.log(number, start, end);

    if (!number || !start || !end){
      document.getElementById('errormessage').innerText = "All fields are required!"
    }

    else{

    }

  })
</script>
</body>
</html>
```

WEEK 4 COY

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1>grade calculator</h1>


    <label id="marksLabel"></label>
    <input id="marks">
    <button id="getGradeButton"></button>


    <p id="gradeResult">a the marks should be between 0-100. enter any marks to get the grades.</p>


    <script>
        document.getElementById('getGradeButton').addEventListener('click', ()=>{
            const marks = document.getElementById('marks').value;


            if(!marks){
                document.getElementById('gradeResult').innerText = "enter any marks to get the grades."
            }


        })
    </script>
</body>
</html>
```

WEEK 4 PAH 1

```html
<!DOCTYPE html>
<html lang="en">
```

```html
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Habit Tracker</title>
</head>
<body>
  <h1>Habit Tracker</h1>

  <input id ="chkWater" type="checkbox">
  <label for="chkWater">Drink Water</label>

  <input id ="chkExercise" type="checkbox">
  <label for="chkExercise">Exercise</label>

  <input id ="chkReading" type="checkbox">
  <label for="chkReading">Read a Book</label>

  <button id="mark-progress" style="background-color: rgb(41, 168, 71);">Mark Progress</button>
  <button id="reset-progress" onclick="clear_checkbox()">Reset</button>

  <p id="summary">You have completed 0 habits today.</p>

  <script>
    document.getElementById('mark-progress').addEventListener('click', () => {
      document.getElementById('summary').innerText = "You have completed 2 habits today.";
    });

    function clear_checkbox(){
      const checkboxes = document.querySelectorAll('input[type="checkbox"]');
      checkboxes.forEach(checkbox => {
```

```
      checkbox.checked = false;
    });
  }
</script>


</body>

</html>
```