

Create an HTML page with the sole purpose to show multiplication tables of 2 to 10 (row-wise) created by JavaScript. Initially, the page is blank. With help of setInterval function print a row every 5 seconds in different colors and increasing font size.

HTML:-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Multiplication Tables</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            text-align: center;
        }

        table {
            margin: 20px auto;
            border-collapse: collapse;
        }

        th, td {
            padding: 10px 20px;
            border: 1px solid #ccc;
        }
    </style>
```

```
</head>
<body>
  <h1>Multiplication Tables</h1>
  <table>
    <thead>
      <tr>
        <th>Number</th>
        <th>1</th>
        <th>2</th>
        <th>3</th>
        <th>4</th>
        <th>5</th>
        <th>6</th>
        <th>7</th>
        <th>8</th>
        <th>9</th>
        <th>10</th>
      </tr>
    </thead>
    <tbody id="table-body">

    </tbody>
  </table>

  <script>
    const tableBody = document.getElementById('table-
body');
```

```
const colors = ['#FF5733', '#33FF57', '#5733FF',  
                '#FFFF33', '#33FFFF', '#FF33FF', '#FF5733', '#33FF57',  
                '#5733FF'];
```

```
let currentRow = 2;
```

```
let fontSize = 16;
```

```
function displayNextRow() {  
    if (currentRow > 10) {  
        clearInterval(intervalID);  
        return;  
    }  
}
```

```
const newRow = document.createElement('tr');  
newRow.style.fontSize = `${fontSize}px`;  
newRow.style.backgroundColor = colors[currentRow  
- 2];
```

```
newRow.innerHTML = `<td>${currentRow}</td>`;
```

```
for (let i = 1; i <= 10; i++) {  
    const result = currentRow * i;  
    newRow.innerHTML += `<td>${result}</td>`;  
}
```

```
tableBody.appendChild(newRow);
```

```
        currentRow++;
        fontSize += 2;
    }

    const intervalID = setInterval(displayNextRow,
5000); // Display a new row every 5 seconds
</script>
</body>
</html>
```

127.0.0.1:5500/4.html

Multiplication Tables

Number	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40

Multiplication Tables

Number	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100