Q4. Practical 4: Multiplication Table 2-10 (using set Interval function)

HTML

```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>Document</title>
    <link rel="stylesheet" href="style.css">
    <script src="Q4.js" defer></script>
</head>
<body>
    <h1 style="text-align: center;" >This is Question Four</h1>
    <h2 style="text-align: center;">Generating Table</h2>
</body>
</html>
```

Javascript

```javascript
function GenerateTable(n){
    var i = 1;
    var str = "";
    for (i; i <= 10; i++)
        str = str + (n * i) + " ";
    return str;
}

function randomColor() {
    var letter = "0123456789ABCDEF";
    var color = "#";
    for (var i = 0; i <= 5; i++)
        color += letter[Math.floor(Math.random() * 16)];
    return color;
}

var n = 2;
var font = 11;
```

```javascript
var mytableid = setInterval(function () {
    if(n<=10)
    {
        var p = document.createElement("p");
        p.innerHTML = GenerateTable(n);
        p.style.color = randomColor();
        p.style.fontSize = font + "px";
        p.style.backgroundColor="rgba(210, 105, 30, 0.603)";
        p.style.textAlign="center";
        document.body.appendChild(p);
        n++;
        font = font + 5;


    }
    else
    {
        clearInterval(mytableid);
    }
}, 5000);
```

Q4.css

```css
body {

    background-color: #4158D0;
    background-image: linear-gradient(43deg, #4158D0 0%, #C850C0 46%, #FFCC70 100%);

}
```

OUTPUT: