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Internet Technologies, 5th Semester

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

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

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;

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

body {

    background-color: #4158D0;

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

}

OUTPUT:

