

Pratham Sharma

AC-1232

B.Sc. (H) Computer Science

Practical Assignment-4

Index.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <title>Question 4</title>
    <meta name="description" content="" />
    <meta name="viewport" content="width=device-width, initial-
scale=1" />
    <link rel="stylesheet" href="./main.css" />
  </head>
  <body>
    <div id="container"></div>
    <script src="index.js"></script>
  </body>
</html>
```

index.js

```
function productTable(n) {
  var randomColor = '#' + Math.floor(Math.random() *
16777215).toString(16);
  console.log(randomColor);
  var table =
    '<div style="font-size: ` + 5 * n + `px; color:` + randomColor +
`; ">`;
  for (var j = 1; j <= 10; j++) {
    table += n * j + " ";
  }
  table += "</div>";
  return table;
}

var counter = 2;
var i = setInterval(function () {
  document.getElementById("container").innerHTML +=
productTable(counter);
  counter++;
  if (counter > 10) {
```

```
    clearInterval(i);  
  }  
}, 500);
```

main.css

```
body {  
  display: flex;  
  flex-direction: row;  
}  
  
#container {  
  min-height: 100vh;  
  width: 100%;  
  display: flex;  
  flex-direction: column;  
  justify-content: center;  
  align-items: center;  
  gap: 10px;  
}  
  
table {  
  max-height: 50vh;  
  border-collapse: collapse;  
  margin: 2px 5px;  
}  
  
table td {  
  border: 1px solid black;  
  padding: 0.2rem 0.5rem;  
}
```

Output

