

Week – 2

Cascading Style Sheets

Aim –

Implement CSS to design a simple 8*8 chess board and VIBGYOR colours in a webpage.

Task 1 –

Design an 8x8 checkerboard pattern where alternating cells are black and white. Add a hover effect that changes the background color of any square when the mouse is over it.

Code –

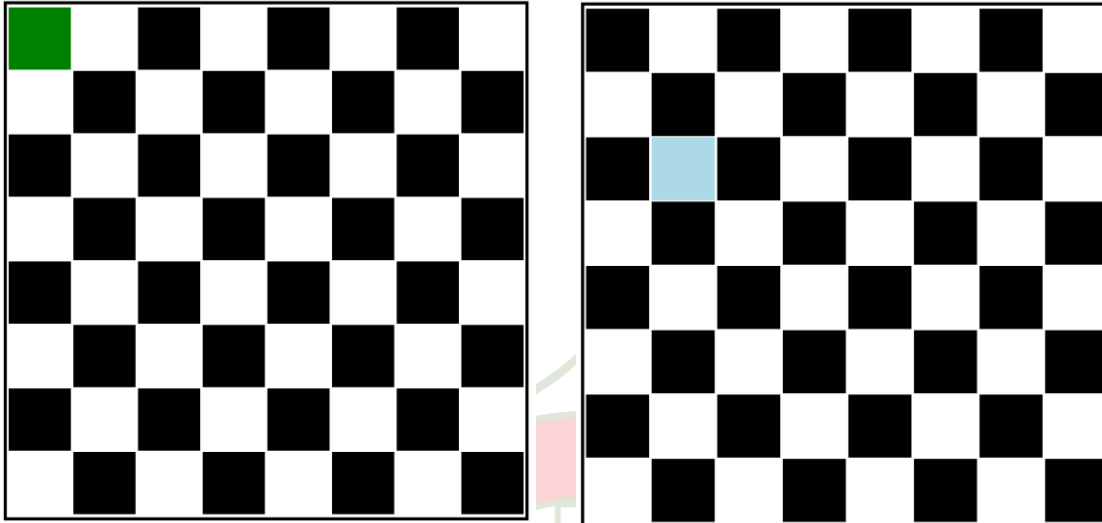
```
<!DOCTYPE html>
<html>
<head>
<title>Chess Board</title>
<style>
    .border{
        margin:50px;

        border:2px solid #000000;
        height: 800px;
        width: 800px;
    }
    .black{
        height:100px;
        width:100px;
        background-color: #000000;
        display:flex;
        margin-top:2px;
        margin-bottom: 2px;
    }
    .black:hover{
        background-color: green;
        cursor: pointer;
    }
    .white{
        height:100px;
        width:100px;
        background-color: #ffffff;
        margin-top:2px;
        margin-bottom: 2px;
    }
    .white:hover{
```

```

        background-color: lightblue;
        cursor: pointer;
    }
    table{
        border: 5px solid #000000;
    }
</style>
</head>
<body>
<table>
<tr>
<td>
<div class="black"></div><div class="white"></div><div class="black"></div><div
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class="black"></div><div class="white"></div><div class="black"></div></td>
</tr>
</table>
</body>
</html>

```

Output -**Task 2 –**

Create a page with a heading that reads "VIBGYOR IMPLEMENTATION" styled appropriately. A set of vertically aligned, evenly spaced colored columns (matching the VIBGYOR sequence). Add hover effects to change the brightness of each column when hovered over.

Code –

```
<!DOCTYPE html>
<html>
  <head>
    <title>VIBGYOR</title>
    <style>
      .center{
        margin-left:450px;
      }
      .color{
        height:500px;
        width:100px;
        margin:10px;
      }
      .color:hover{
        opacity:75%;
        cursor: pointer;
      }
    </style>
  </head>
  <body>
    <h1 style="text-align: center;">VIBGYOR Implementation</h1>
    <div class="center">
      <table>
```

```
<tr>
  <td><div class="color" style="background-color: Violet;"></div></td>
  <td><div class="color" style="background-color: indigo;"></div></td>
  <td><div class="color" style="background-color: blue;"></div></td>
  <td><div class="color" style="background-color: green;"></div></td>
  <td><div class="color" style="background-color: yellow;"></div></td>
  <td><div class="color" style="background-color: orange;"></div></td>
  <td><div class="color" style="background-color: Red;"></div></td>
</tr>
</table>
</div>
</body>
</html>
```

Output -