# **Challenges week - 2**

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 lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Chess Board</title>**

**<style>**

**table{**

**border: 2px solid ;**

**}**

**.white{**

**background-color: white;**

**width: 40px;**

**height:40px;**

**transition: background-color 0.5s;**

**}**

**.black{**

**background-color: black;**

**width: 40px;**

**height: 40px;**

**transition: background-color 0.2s;**

**}**

**.white:hover{**

**background-color: yellow;**

**}**

**.black:hover{**

**background-color: green;**

**}**

**</style>**

**</head>**

**<body>**

**<table>**

**<tr>**

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**</table>**

**</body>**

**</html>**

**OutPut:**

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**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 lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>VIBGYOR</title>**

**<style>**

**h1{**

**text-align: center;**

**}**

**.outer{**

**display: flex;**

**justify-content: space-around;**

**width: 350px;;**

**}**

**div{**

**width: 40px;**

**height: 100px;**

**}**

**div:hover{**

**filter: brightness(150%)**

**}**

**</style>**

**</head>**

**<body>**

**<h1>VIBGYOR IMPLEMENTATION</h1>**

**<div class="outer">**

**<div style="background-color: violet;"></div>**

**<div style="background-color: indigo;"></div>**

**<div style="background-color: blue;"></div>**

**<div style="background-color: green;"></div>**

**<div style="background-color: yellow;"></div>**

**<div style="background-color: orange;"></div>**

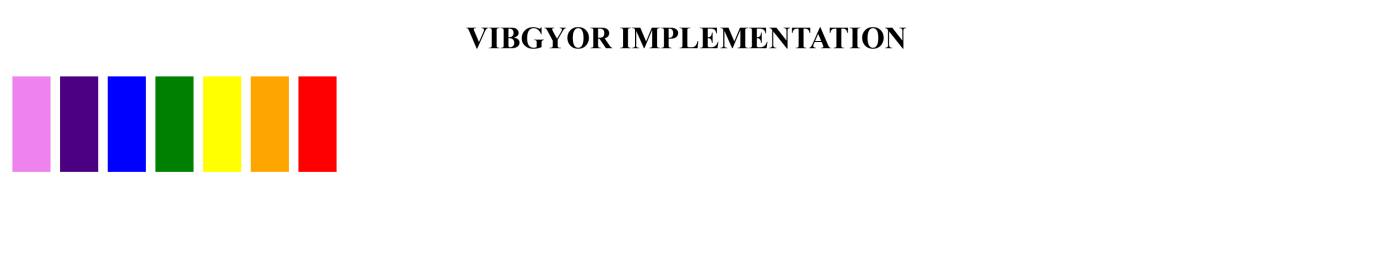
**<div style="background-color: red;"></div>**

**</div>**

**<div></div>**

**</body>**

**</html>**

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