

## 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>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
</tr>
<tr>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>

```

```

        <td class="black"></td>

        <td class="white"></td>

    </tr>

    <tr>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

    </tr>

    <tr>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

    </tr>

    <tr>

        <td class="white"></td>

        <td class="black"></td>

        <td class="white"></td>

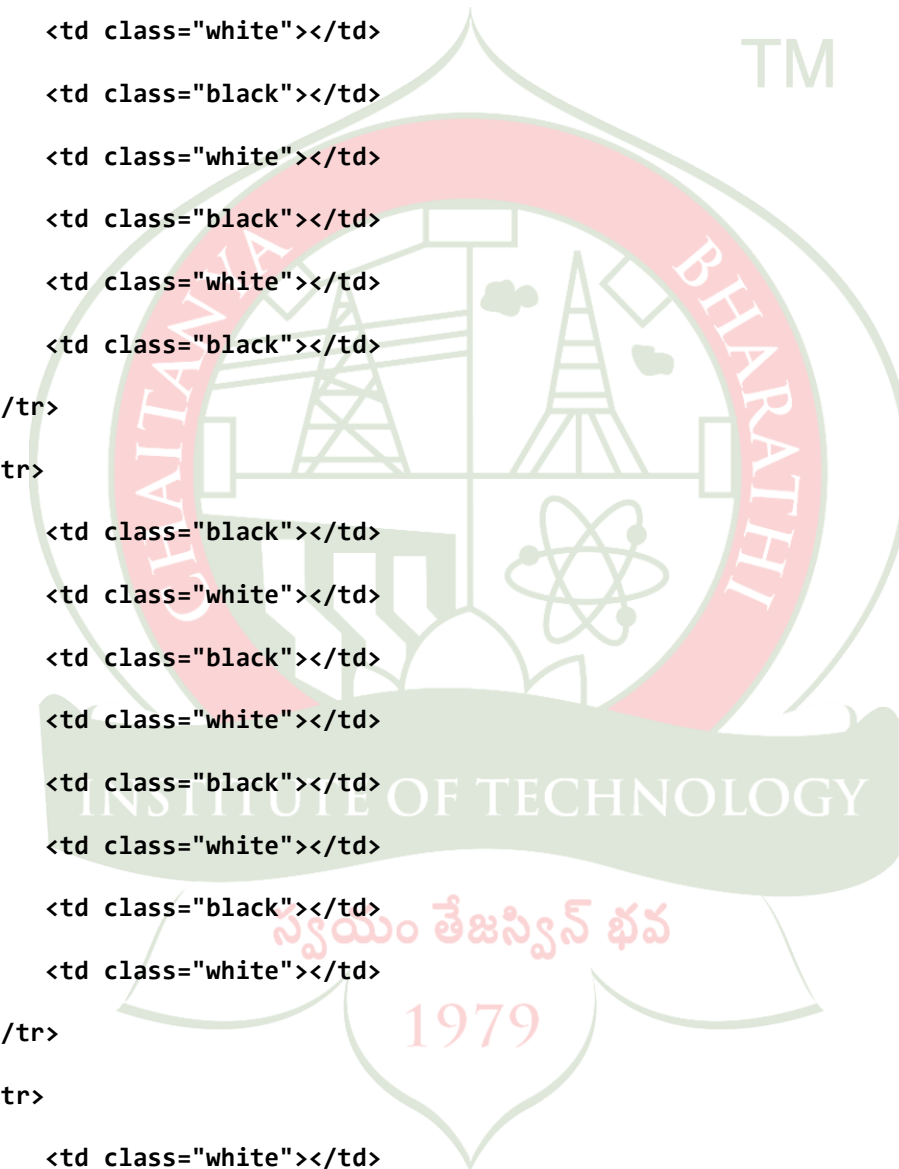
    </tr>

    <td class="black"></td>

    <td class="white"></td>

    <td class="black"></td>

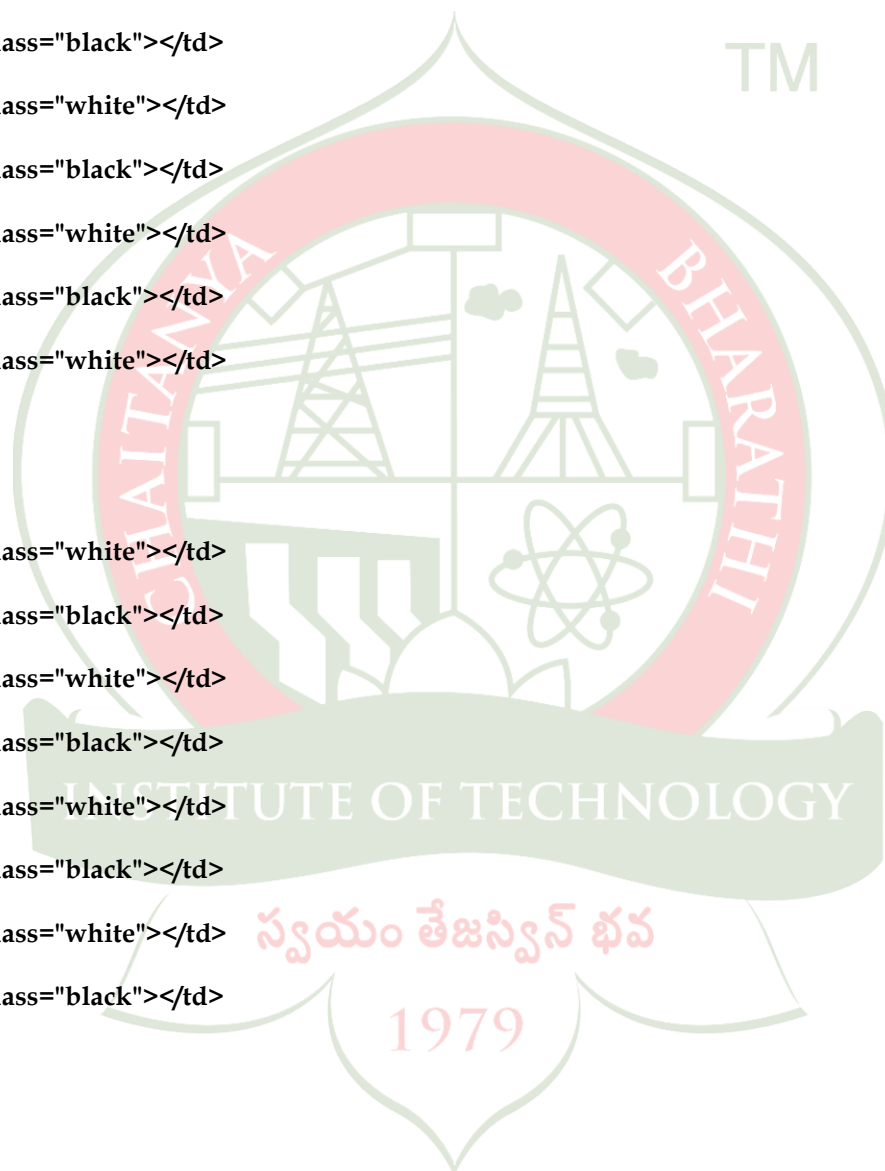
```



```

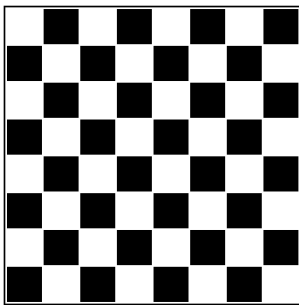
<td class="white"></td>
<td class="black"></td>
</tr>
<tr>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
</tr>
<tr>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
</tr>
<tr>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
<td class="black"></td>
<td class="white"></td>
</tr>

```



```
<td class="black"></td>
<td class="white"></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 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>

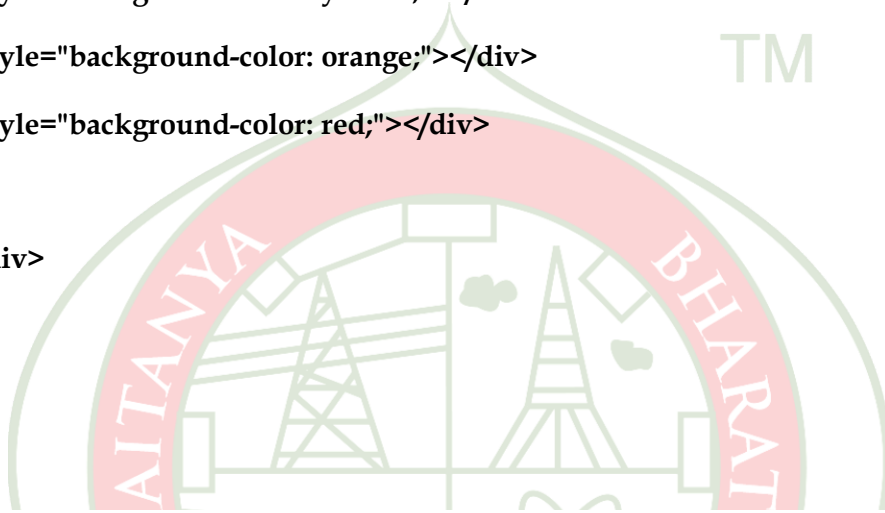
</div>

<div></div>

</body>

</html>

```



VIBGYOR IMPLEMENTATION

