Lab Work 7 Desain Web

Nama : Febia Nareswara
NIM : K3521025

1. Latihan 1

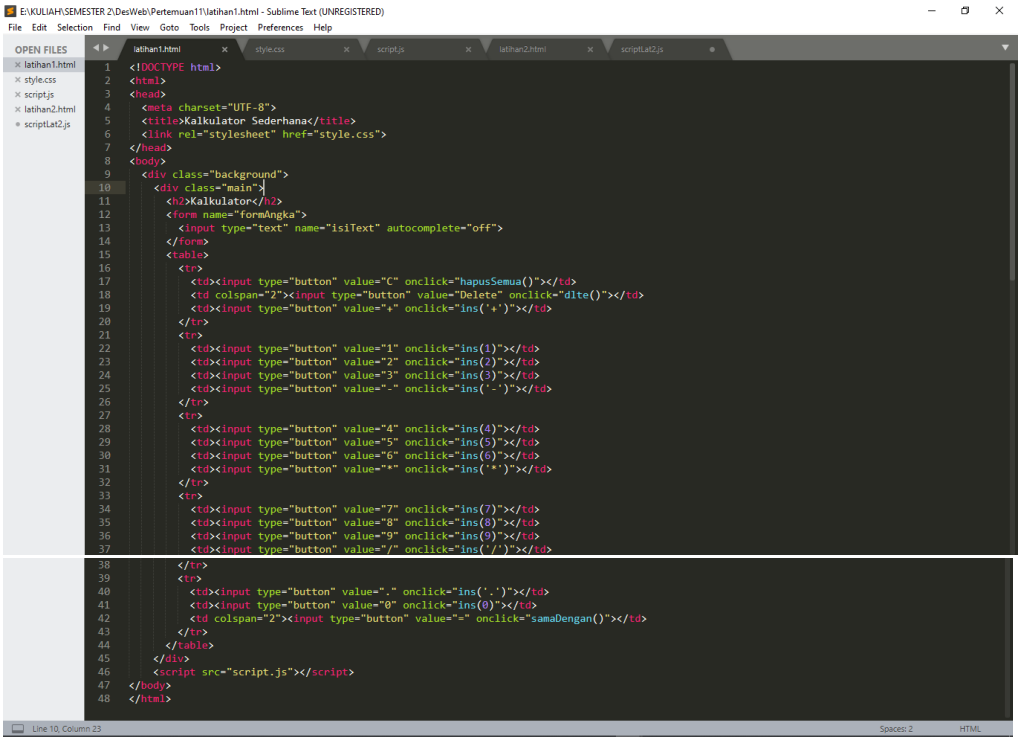
   Buatlah sebuah kalkulator sederhana yang dapat melakukan perhitungan dua buah variable

   - Jumlah
   - Kurang
   - Kali
   - Bagi

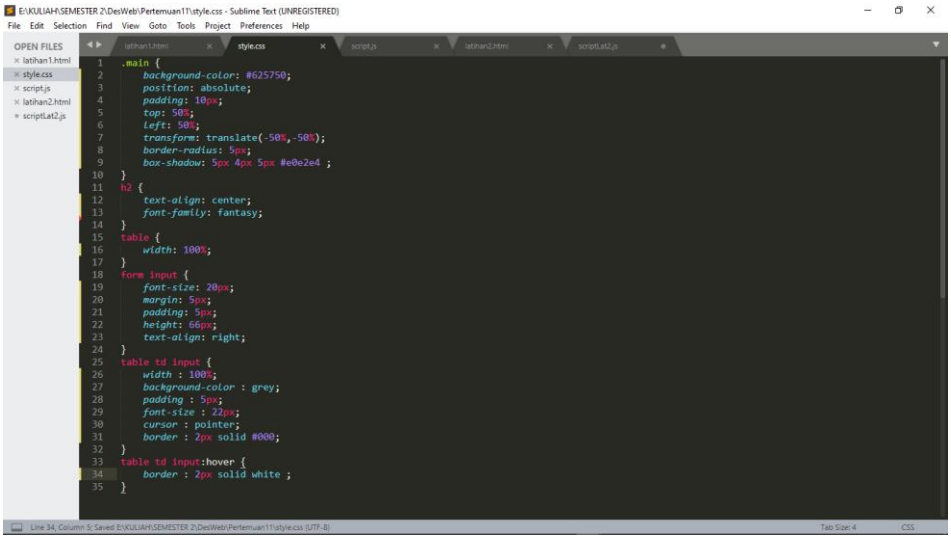
   Simpan dengan nama latihan1.HTML

   Jawab :

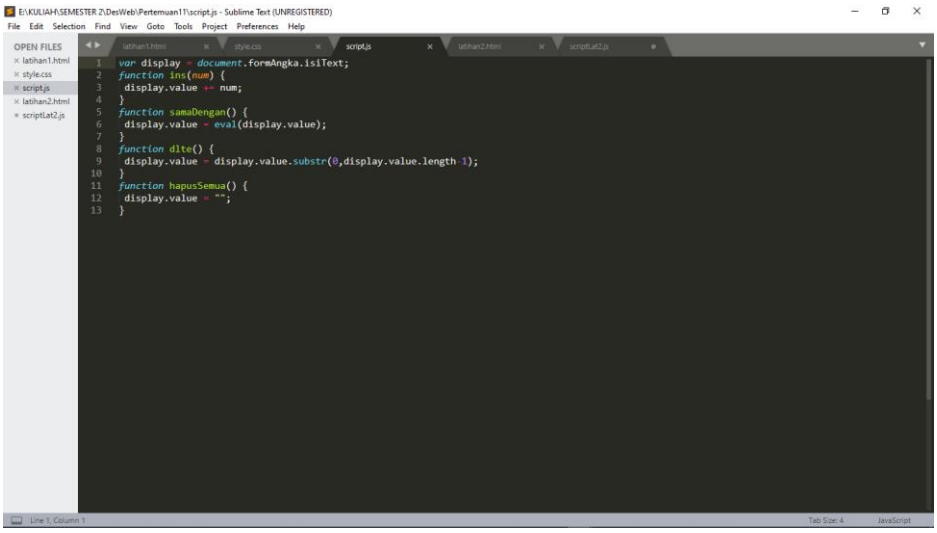
   - **Script html**



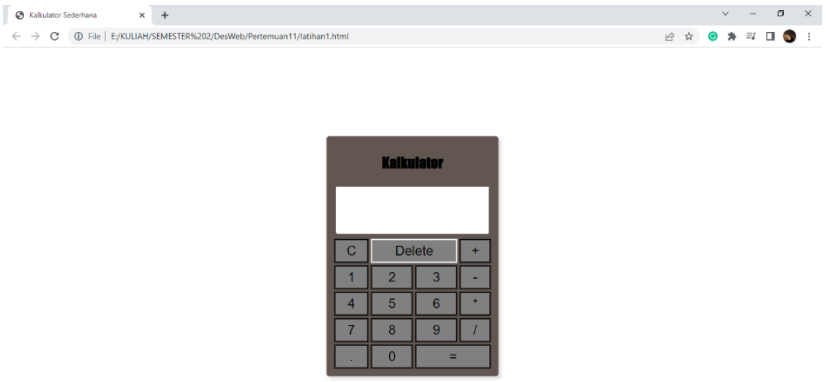
   - **Script CSS**

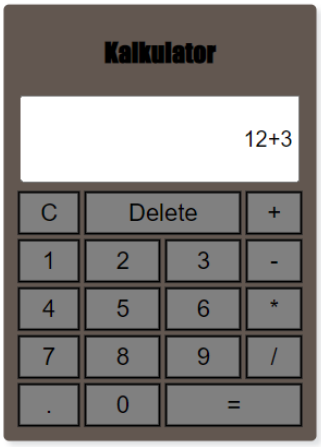


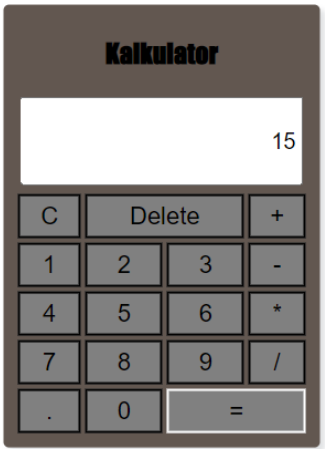
➢ Script JS



Tampilan yang dihasilkan :





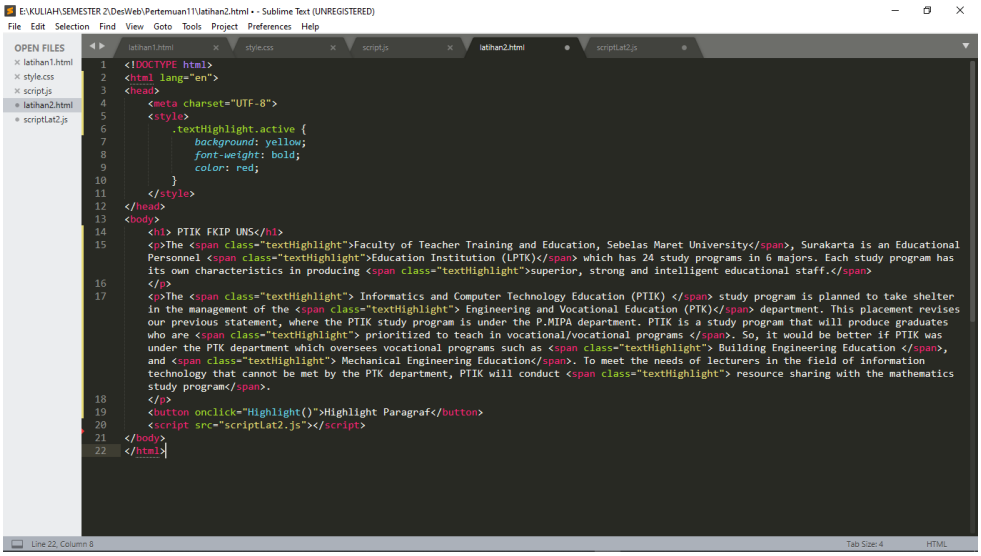


2. Latihan 2

Buatlah halaman yang dapat menampilkan paragraph dan sebuah tombol. Apabila tombol tersebut ditekan maka dapat melakukan highlight tulisan tertentu di dalam paragraph sehingga tampilan yang awalnya seperti ini :

Jawab :

- **Script html dan sedikit CSS**

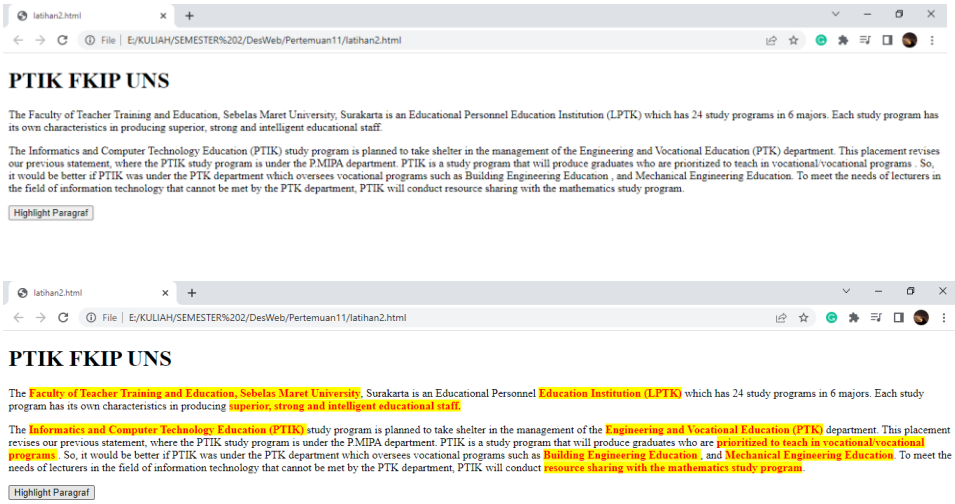


```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <style>
        .textHighlight.active {
            background: yellow;
            font-weight: bold;
            color: red;
        }
    </style>
</head>
<body>
    <h1> PTIK FKIP UNS</h1>
    <p>The <span class="textHighlight">Faculty of Teacher Training and Education, Sebelas Maret University</span>, Surakarta is an Educational Personnel <span class="textHighlight">Education Institution (LPTK)</span> which has 24 study programs in 6 majors. Each study program has its own characteristics in producing <span class="textHighlight">superior, strong and intelligent educational staff.</span>
    </p>
    <p>The <span class="textHighlight"> Informatics and Computer Technology Education (PTIK) </span> study program is planned to take shelter in the management of the <span class="textHighlight"> Engineering and Vocational Education (PTK)</span> department. This placement revises our previous statement, where the PTIK study program is under the P.MIPA department. PTIK is a study program that will produce graduates who are <span class="textHighlight"> prioritized to teach in vocational/vocational programs </span>. So, it would be better if PTIK was under the PTK department which oversees vocational programs such as <span class="textHighlight"> Building Engineering Education </span>, and <span class="textHighlight"> Mechanical Engineering Education</span>. To meet the needs of lecturers in the field of information technology that cannot be met by the PTK department, PTIK will conduct <span class="textHighlight"> resource sharing with the mathematics study program</span>.
    </p>
    <button onclick="Highlight()">Highlight Paragraf</button>
    <script src="scriptLat2.js"></script>
</body>
</html>
```

- **Script JS**

```
const highlight = document.querySelectorAll('.textHighlight');
function Highlight() {
    highlight.forEach( (item) => {
        if(item.classList.contains('active')) {
            item.classList.remove('active')
        } else {
            item.classList.add('active')
        }
    })
};
```

Tampilan yang dihasilkan :



latihan2.html

File | E:/KULIAH/SEMESTER%202/DesWeb/Pertemuan11/latihan2.html

PTIK FKIP UNS

The Faculty of Teacher Training and Education, Sebelas Maret University, Surakarta is an Educational Personnel Education Institution (LPTK) which has 24 study programs in 6 majors. Each study program has its own characteristics in producing superior, strong and intelligent educational staff.

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Highlight Paragraf

latihan2.html

File | E:/KULIAH/SEMESTER%202/DesWeb/Pertemuan11/latihan2.html

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Highlight Paragraf