

# **Pengembangan Aplikasi Website**

## **LEMBAR KERJA MAHASISWA**

### **Tugas Modul 3**



**Sistem Informasi**  
Telkom University  
Surabaya

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**PROGRAM STUDI S1 SISTEM INFORMASI**  
**FAKULTAS REKAYASA INDUSTRI**  
**TELKOM UNIVERSITY SURABAYA**  
**2024**

## ATURAN DASAR :

```
D: > SEMESTER 3 > PEMROGRAMAN APLIKASI WEBSITE > MODUL KE-3 > aturan_dasar_css.html > html > head
1  <html lang="en">
2  <head>
3      <meta charset="UTF-8">
4      <meta name="viewport" content="width=device-width, initial-scale=1.0">
5      <title>Aturan Dasar CSS</title>
6
7  <style>
8      /* case-insensitive, whitespace diabaikan, comment */
9      p { font-size: 20px; color: brown; margin: 0; }
10     p {
11         FONT-size: 20px; /* Ukuran font */
12         color: brown; /* Warna font */
13         margin: 0; /* Margin font */
14     }
15 </style>
16
17 </head>
18 <body>
19     <h1>Hello World</h1>
20     <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Ducimus, qui
21         perspicatis pariatur vitae beatae sed tempore asperiores non ratione! Nesciunt
22         vero dignissimos tenetur, id omnis quaerat inventore ipsa ab eaque.</p>
23 </body>
24 </html>
```

## Hasil :



### Hello World

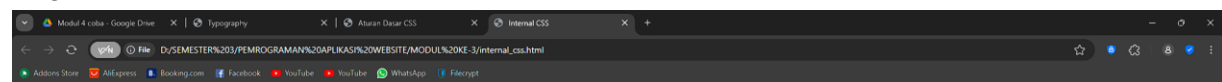
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Ducimus, qui perspicatis pariatur vitae beatae sed tempore asperiores non ratione! Nesciunt vero dignissimos tenetur, id omnis quaerat inventore ipsa ab eaque.



## INTERNAL CSS :

```
<> internal_css.html > html > head > style > h1
1  <html lang="en">
2  <head>
3    <meta charset="UTF-8">
4    <meta name="viewport" content="width=device-width, initial-scale=1.0">
5    <title>Internal CSS</title>
6
7
8    <!-- Internal CSS -->
9    <style>
10      h1 {
11        color: blueviolet;
12        text-decoration: underline;
13      }
14
15      p {
16        color: brown;
17        font-size: 20px;
18        text-decoration: line-through;
19      }
20    </style>
21
22  </head>
23  <body>
24    <h1>This is Heading One</h1>
25    <p>This is paragraph</p>
26  </body>
27  </html>
```

## HASIL :



This is Heading One

~~This is paragraph~~



## INLINE CSS :

```
<> inline_css.html > html
1  <html lang="en">
2  <head>
3      <meta charset="UTF-8">
4      <meta name="viewport" content="width=device-width, initial-scale=1.0">
5      <title>Inline CSS</title>
6  </head>
7  <body>
8      <!-- Inline CSS -->
9      <h1 style="color: blueviolet; text-decoration: underline;">This is Heading One</h1>
10     <p style="color: brown; font-size: 20px; text-decoration: line-through;">This is paragraph</p>
11
12 </body>
13 </html>
```

## HASIL :

This is Heading One

~~This is paragraph~~

### SELECTOR CSS (1) :

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CSS Selector</title>

  <style>
    /* Universal Selector */
    * {
      color: brown;
      background-color: bisque;
    }

    /* Element Selector */
    h2 {
      color: black;
    }

    /* Class Selector */
    p.success {
      color: green;
    }

    /* Id Selector */
    p#danger {
      color: red;
    }

    /* Attribute Selector */
    a[href] {
      font-size: 50px;
    }

    /* Group Selector */
    h1, h2, p {
      text-transform: uppercase;
    }

    /* Element Spesific Selector */
    p.judul {
      font-size: large;
    }

    span#important {
      color: red;
      font-weight: bold;
    }
  </style>

```

```

        /* Descendant Selector */
        div p {
            font-size: x-large;
        }

        /* Child Selector */
        div > p {
            color: cornflowerblue;
        }
    </style>
</head>
<body>
    <h1>This is Heading One</h1>
    <p>This is paragraph One</p>

    <hr>

    <h2 class="judul">This is Heading Two</h2>
    <p>This is paragraph Two</p>

    <hr>

    <h3>This is Heading Two</h3>
    <p class="success">Proses Registrasi Berhasil</p>

    <hr>

    <h4>This is Heading Four</h4>
    <p id="danger">Proses Registrasi Gagal</p>

    <hr>

    <a>Link Non Aktif</a>
    <a href="https://is.ittelkom-sby.ac.id/" target="_blank">Klik di sini</a>

    <hr>

    <p class="judul">Lorem ipsum dolor sit, amet consectetur adipisicing elit.
Aut vel, <span id="important">dolor</span>, natus et quod perferendis voluptas
nemo exercitationem perspiciatis necessitatibus velit sapiente minima.
Pariatur consectetur veniam accusantium sit earum dolore.</p>

    <hr>

    <div>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Ullam
magnam obcaecati minima ipsam corrupti totam quisquam iste explicabo in

```

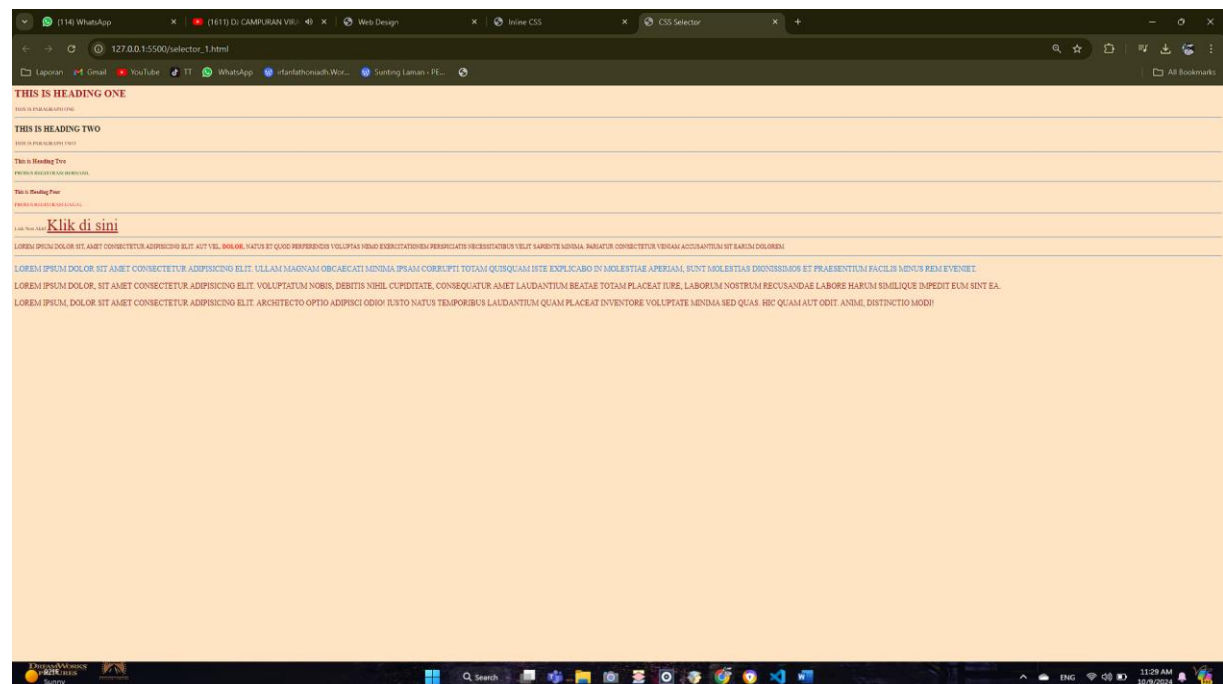
```

molestiae aperiam, sunt molestias dignissimos et praesentium facilis minus rem
eveniet.</p>
<section>
  <p>Lorem ipsum dolor, sit amet consectetur adipisicing elit.
  Voluptatum nobis, debitis nihil cupiditate, consequatur amet laudantium beatae
  totam placeat iure, laborum nostrum recusandae labore harum similique impedit
  eum sint ea.</p>
  <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit.
  Architecto optio adipisci odio! Iusto natus temporibus laudantium quam placeat
  inventore voluptate minima sed quas. Hic quam aut odit. Animi, distinctio
  modi!</p>
</section>
</div>

</body>
</html>

```

## HASIL :



## SELECTOR CSS (2) :

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CSS Selector</title>

  <style>
    a {
      font-size: 50px;
      text-decoration: none;
    }

    /* Dynamic Pseudo Class Selector */
    a:hover {
      color: cadetblue;
      text-decoration: underline;
    }

    input {
      width: 300px;
      height: 30px;
    }

    /* Dynamic Pseudo Class Selector */
    input:focus {
      border: solid 2px orange;
      outline: none;
    }

    /* State Pseudo Class Selector */
    input:disabled {
      border: solid 2px gray;
    }

    table {
      border-spacing: 0;
      border-collapse: collapse;
      width: 100%;
    }

    th, td {
      border: solid 1px black;
      padding: 10px;
    }

    /* Structural Pseudo Class Selector */
    tr:first-child {
```



```

        font-weight: bold;
        text-transform: uppercase;
        text-align: center;
    }

    tr:last-child {
        font-weight: bold;
        text-transform: uppercase;
        text-align: right;
        color: red;
    }

    tr:nth-child(odd) {
        background-color: lightgrey;
    }

    tr:nth-child(even) {
        background-color: white;
    }
</style>
</head>
<body>
    <a href="https://is.ittelkom-sby.ac.id/">Sistem Informasi ITTelkom
    Surabaya</a>

    <p><input type="text"></p>
    <p><input type="text" disabled value="Disabled"></p>

    <table style="border: 1;">
        <tr>
            <td>Row</td>
            <td>Row</td>
            <td>Row</td>
        </tr>
        <tr>
            <td>Row</td>
            <td>Row</td>
            <td>Row</td>
        </tr>
        <tr>
            <td>Row</td>
            <td>Row</td>
            <td>Row</td>
        </tr>
        <tr>
            <td>Row</td>
            <td>Row</td>
            <td>Row</td>
        </tr>
    </table>

```

```

</tr>
<tr>
    <td>Row</td>
    <td>Row</td>
    <td>Row</td>
</tr>
<tr>
    <td>Row</td>
    <td>Row</td>
    <td>Row</td>
</tr>
</table>
</body>
</html>

```

**HASIL :**

Sistem Informasi IT Telkom Surabaya

ROW	ROW	ROW
Row	Row	Row
Row	Row	Row
Row	Row	Row
Row	Row	Row
ROW	ROW	ROW

## CASCADE & INHERITANCE :

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Cascade & Inheritance</title>

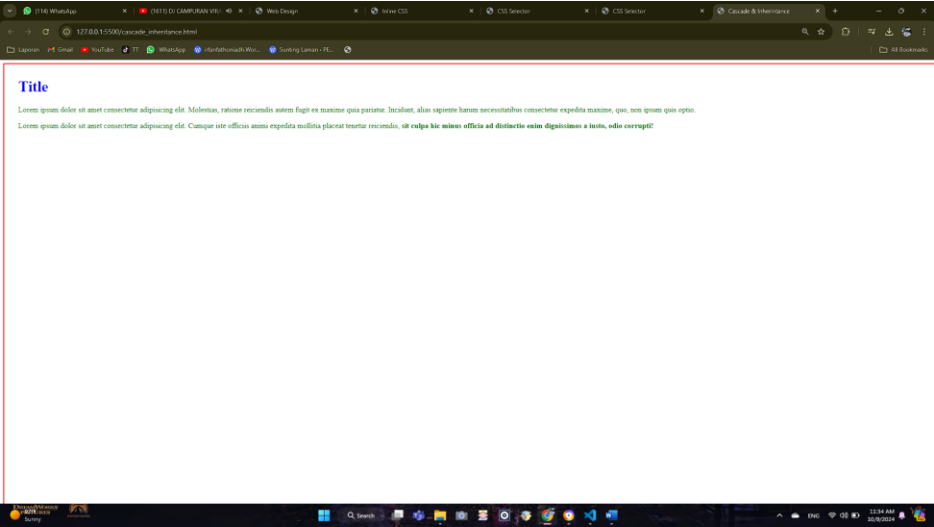
  <!-- External CSS -->
  <link rel="stylesheet" href="/assets/style.css">

  <!-- Internal CSS -->
  <style>
    body {
      border: 1px red solid;
      padding: 30px;
      color: blue; /* inheritance */
    }

    p {
      color: green !important;
    }
  </style>
</head>
<body>
  <h1>Title</h1>
  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Molestias,
    ratione reiciendis autem fugit ex maxime quia pariatur. Incidunt,
alias sapiente
    harum necessitatibus consectetur expedita maxime, quo, non ipsum quis
optio.</p>
  <div>
    <p style="color: orange;">Lorem ipsum dolor sit amet consectetur
      adipisicing elit. Cumque iste officiis animi expedita mollitia
placeat tenetur
      reiciendis, <strong>sit culpa hic minus officia ad distinctio enim
dignissimos a iusto, odio corrupti!</strong></p>
  </div>

</body>
</html>
```

HASIL :



## TYPOGRAPHY :

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Typography</title>

  <style>
    h1 {
      font-family: 'Courier New', Courier, monospace;
      font-size: 50px;
      color: brown;
      font-weight: lighter;
      font-style: italic;
    }

    p {
      text-decoration: underline;
      text-transform: uppercase;
      text-align: right;
      line-height: 2;
      letter-spacing: 10px;
    }

    p.persen { font-size: 120%; }
    p.pixel { font-size: 19.2px; }

    body { font-size: 16px; }
    div { font-size: 1.5em; }

    p.keyword { color: blue; }
    p.rgb { color: #fc4912; }
    p.rgb { color: rgb(29, 191, 64); }
    p rgba { color: rgba(118, 52, 181, 0.313) }
    p.hsl { color: hsl(60, 80%, 30%); }
  </style>

</head>
<body>
  <h1>Pengenalan CSS Tingkat Dasar</h1>
  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Ullam
perferendis maiores incidunt quaerat similique eum nisi vero provident,
voluptatem odio? Officia inventore facilis nemo! Asperiores nemo mollitia
voluptates? Quam, libero?</p>

  <br><br><br>
```

```
<p>Paragraf normal (default)</p>
<p class="persen">Paragraf dengan ukuran 120%</p>
<p class="pixel">Paragraf dengan ukuran 19.2px</p>

<br><br><br>

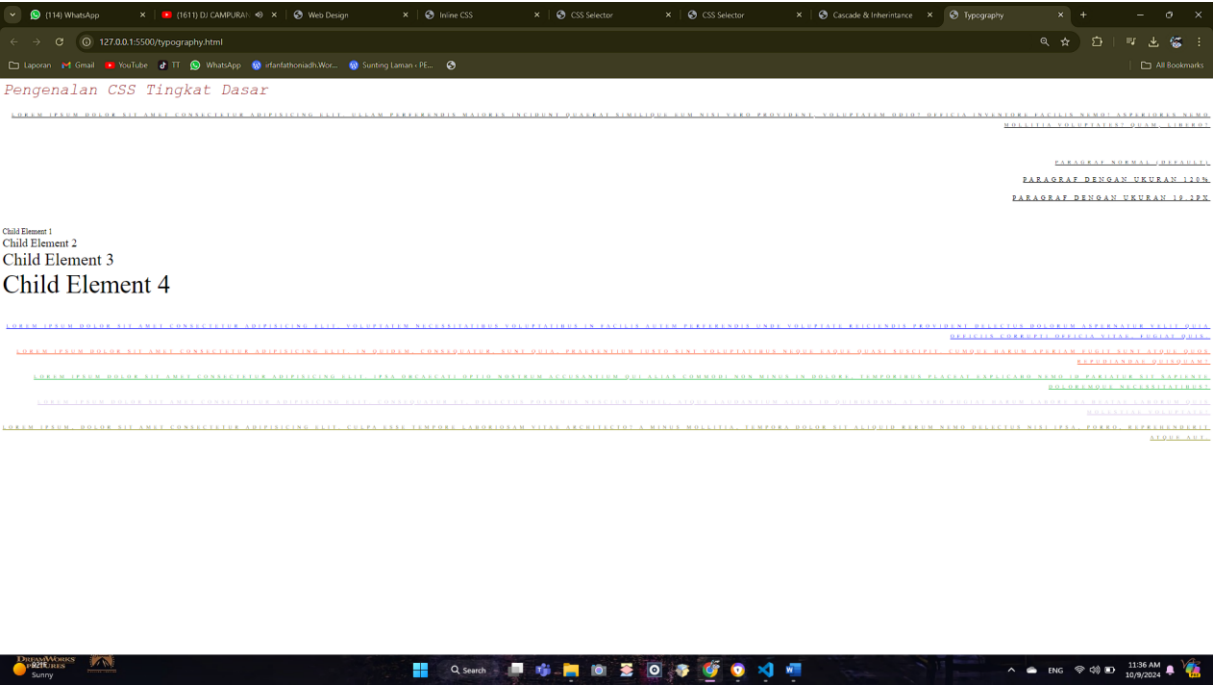
<div>Child Element 1
  <div>Child Element 2
    <div>Child Element 3
      <div>Child Element 4
      </div>
    </div>
  </div>
</div>

<br><br><br>

<p class="keyword">Lorem ipsum dolor sit amet consectetur adipisicing
elit. Voluptatem necessitatibus voluptatibus in facilis autem perferendis unde
voluptate reiciendis provident delectus dolorum aspernatur velit quia officiis
corrupti officia vitae, fugiat quis.</p>
<p id="rgb">Lorem ipsum dolor sit amet consectetur adipisicing elit. In
quidem, consequatur, sunt quia, praesentium iusto sint voluptatibus neque
eaque quasi suscipit. Cumque harum aperiam fugit sunt atque quos repudiandae
quisquam?</p>
<p class="rgb">Lorem ipsum dolor sit amet consectetur adipisicing elit.
Ipsa obcaecati optio nostrum accusantium qui alias commodi non minus in
dolore, temporibus placeat explicabo nemo id pariatur sit sapiente doloremque
necessitatibus?</p>
<p class="rgba">Lorem ipsum dolor sit amet consectetur adipisicing elit.
Consequatur et, delectus possimus nesciunt nihil, atque laudantium alias id
quibusdam, at vero fugiat harum labore ea beatae laborum quis molestiae
voluptate!</p>
<p class="hsl">Lorem ipsum, dolor sit amet consectetur adipisicing elit.
Culpa esse tempore laboriosam vitae architecto? A minus mollitia, tempora
dolor sit aliquid rerum nemo delectus nisi ipsa, porro, reprehenderit atque
aut.</p>

</body>
</html>
```

HASIL :



## CSS BOX MODEL

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CSS Box Model</title>

  <style>
    * {
      margin: 0;
      padding: 0;
    }

    div {
      width: 200px;
      height: 60px;
      padding: 10px;
      border: 10px solid black;
      margin: 20px;
    }

    .satu { box-sizing: content-box; }
    .dua { box-sizing: border-box; }

    div.container {
      margin: 0 auto;
      width: 800px;
      height: 500px;
      border: 2px solid green;
    }
    p {
      background-color: yellow;
    }
    .box{
      width: 180px;
      height: 480px;
      padding: 10px;
      border: 5px solid green;
      margin: 10px;
      float: left;
      background-color: GreenYellow;
      text-align: center;
      box-sizing: border-box;
    }
  </style>
</head>
<body>
```



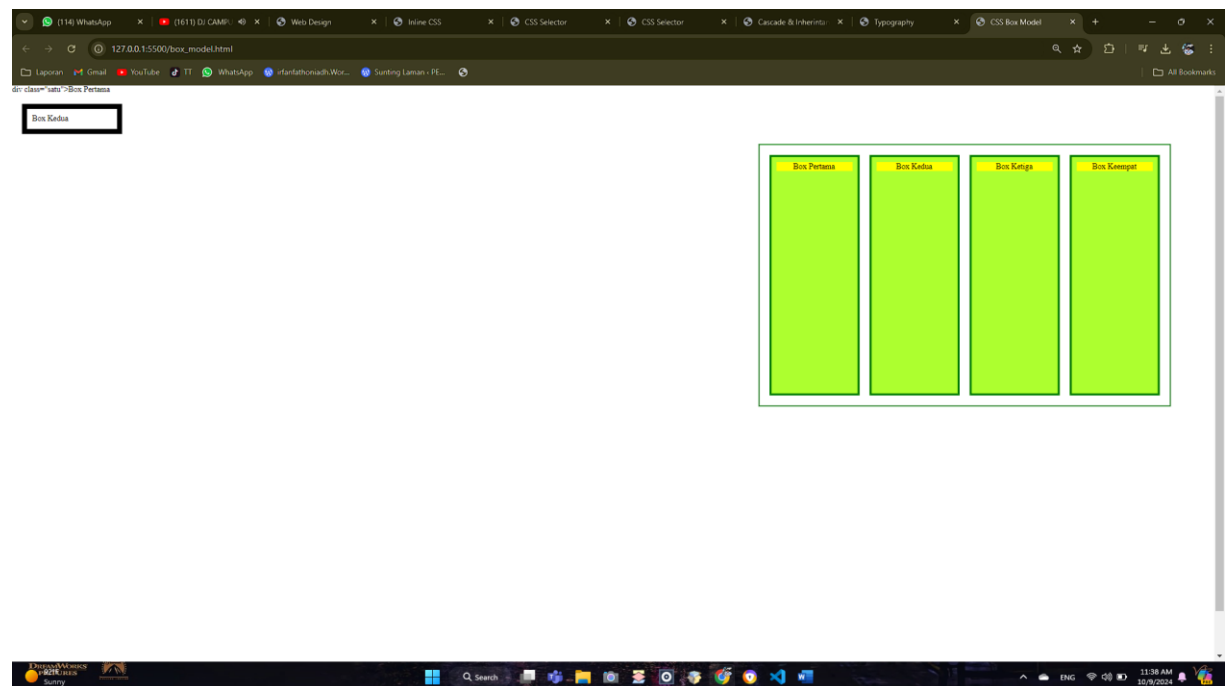
```


Box Pertama</div>
<div class="dua">Box Kedua</div>

<div class="container">
  <div class="box"><p>Box Pertama</p></div>
  <div class="box"><p>Box Kedua</p></div>
  <div class="box"><p>Box Ketiga</p></div>
  <div class="box"><p>Box Keempat</p></div>
</div>
</body>
</html>


```

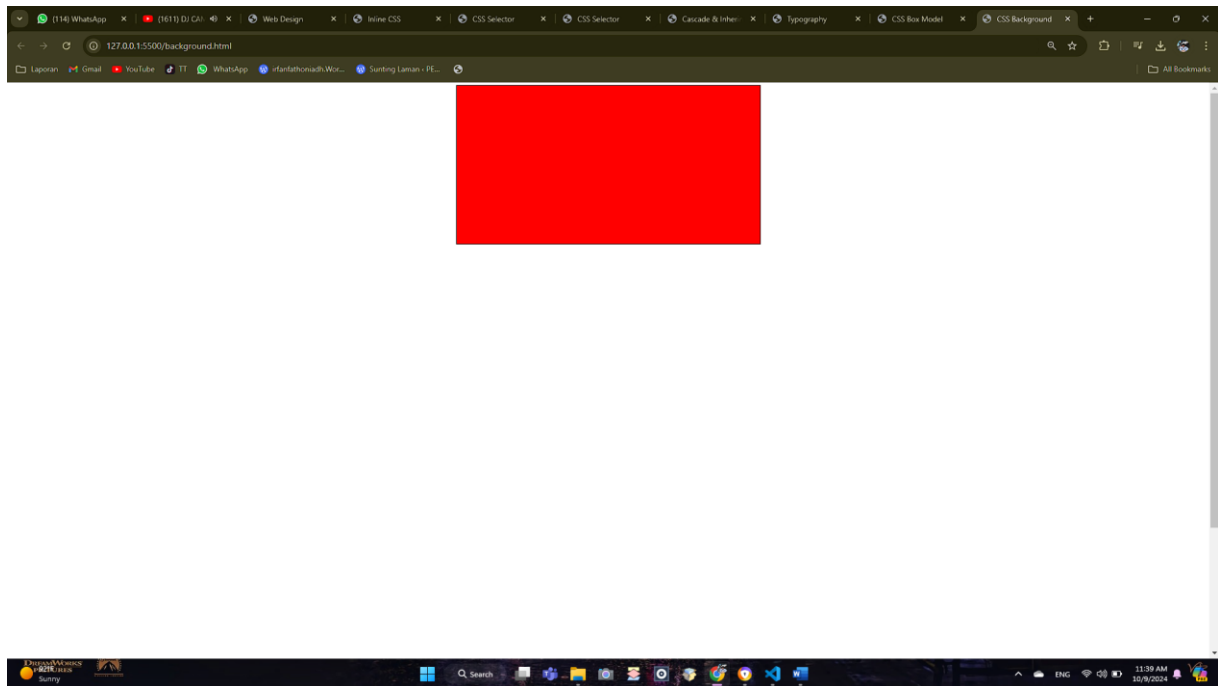
**HASIL :**



## CSS BACKGROUND ;

```
background.html > html
1  <html lang="en">
2  <head>
3      <meta charset="UTF-8">
4      <meta name="viewport" content="width=device-width, initial-scale=1.0">
5      <title>CSS Background</title>
6
7      <style>
8          div {
9              width: 960px;
10             height: 500px;
11             border: 2px solid black;
12             margin: 0 auto;
13             background: url('assets/strawberries.jpg') bottom right / 700px 400px no-repeat scroll padding-box content-box;
14         }
15     </style>
16
17 </head>
18 <body>
19     <div></div>
20 </body>
21 </html>
```

## HASIL :



## CSS POSITIONING :

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CSS Positioning</title>

  <style>
    .container {
      width: 700px;
      height: 500px;
      background-color: rgb(231, 232, 226);
      /* margin: 0 auto; */
      /* position: relative; */
    }
    .satu, .dua, .tiga {
      width: 150px;
      height: 150px;
      font-size: 25px;
      line-height: 150px;
      text-align: center;
      color: white;
    }
    .satu {
      background-color: #FF1A00;
      /* position: static; */
      /* position: relative; */
      /* position: absolute; */
      /* position: fixed; */
      /* left: 30px; */
      /* top: 30px; */
      /* position: sticky; */
      /* top: 0px; */

      /* position: absolute; */
      /* left: 10px; */
      /* top: 10px; */
      /* z-index: 1; */
    }
    .dua{
      background-color: #008C00;

      /* position: absolute; */
      /* left: 50px; */
      /* top: 50px; */
    }
    .tiga{
```

```
        background-color: #4096EE;

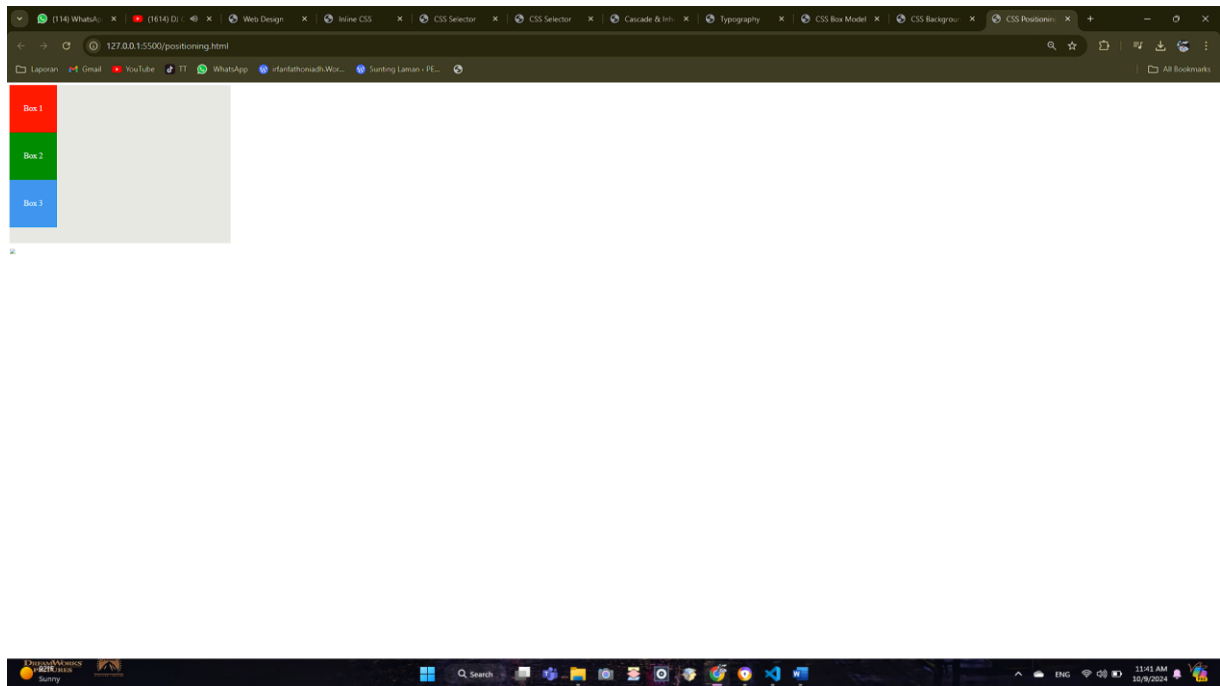
        /* position: absolute; */
        /* left: 100px; */
        /* top: 100px; */
    }

    img {
        width: 500px;
        float: none;
    }

    .satu, .dua, .tiga {
        display: block;
    }
</style>
</head>
<body>
    <div class="container">
        <div class="satu">Box 1</div>
        <div class="dua">Box 2</div>
        <div class="tiga">Box 3</div>
    </div>

    <p>
        
    </p>
</body>
</html>
```

## HASIL :



### TUGAS PRAKTIKUM MODUL 3 :

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Horizontal_nav</title>

    <style>
      .active {
        background-color: #39b9bd;
        color: white;
        border-bottom: 5px solid #dddddd;
      }

      .TWO {
        background-color: rgb(91, 87, 87);
        color: white;
        border-bottom: 5px solid #21a3a7;
      }

      .service {
        background-color: #4c4c4c;
        color: white;
        border-bottom: 5px solid #21a3a7;
      }

      ul {
        list-style-type: none;
        display: flex;
        margin: 0;
        padding: 0;
      }

      li a {
        display: block;
        color: #4c4c4c;
        background-color: #dddddd;
        padding: 1em;
        font-family: Verdana, sans-serif;
        text-decoration: none;
        text-transform: uppercase;
        box-sizing: border-box;
        height: 50px;
        width: 100px;
      }

      li {
```

```

        background-color: black;
    }
</style>
</head>
<body>
    <ul>
        <li><a class="active" href="Home">Home</a></li>
        <li><a class="TWO" href="#Service">service</a></li>
        <li><a href="#Project">project</a></li>
        <li><a href="#About">About</a></li>
    </ul>
</body>
</html>

```

**HASIL :**

