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Mata Kuliah : Desain Web

LABWORK 6

Latihan 1b

Kode :

```
<!DOCTYPE html>
<html>
<head>
  <title>Menggunakan Media Query CSS3</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <style>
    /*Smartphone*/
    .smartphone{
      display: none;
    }

    @media only screen and (max-width: 428px){
      body{
        background-color: yellow;
      }

      .smartphone{
        display: block;
      }
    }

    /*Laptop*/
    .laptop{
      display: none;
    }
    @media only screen and (min-width: 1024px){
      .laptop img{
        width: 400px;
        height: 395px;
        display: block;
        margin: auto;
      }

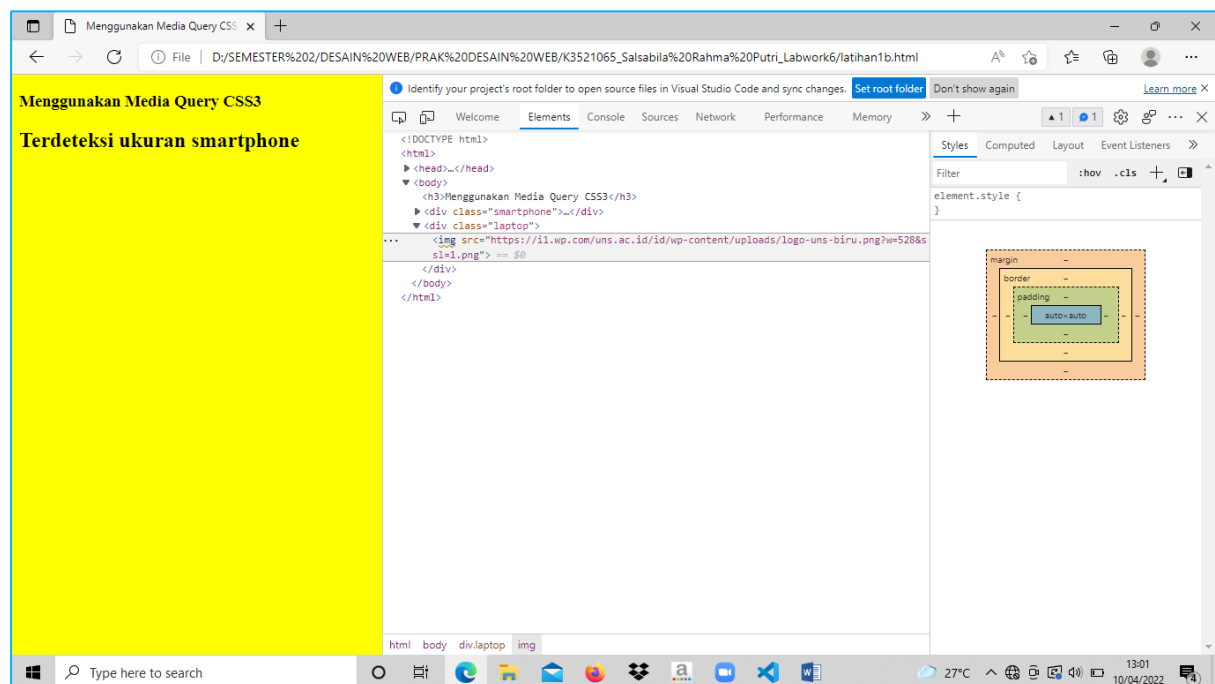
      .laptop{
        display: block;
      }
    }
  </style>
</head>
```

```
<body>
  <h3>Menggunakan Media Query CSS3</h3>
  <div class="smartphone">
    <h2>Terdeteksi ukuran smartphone</h2>
  </div>

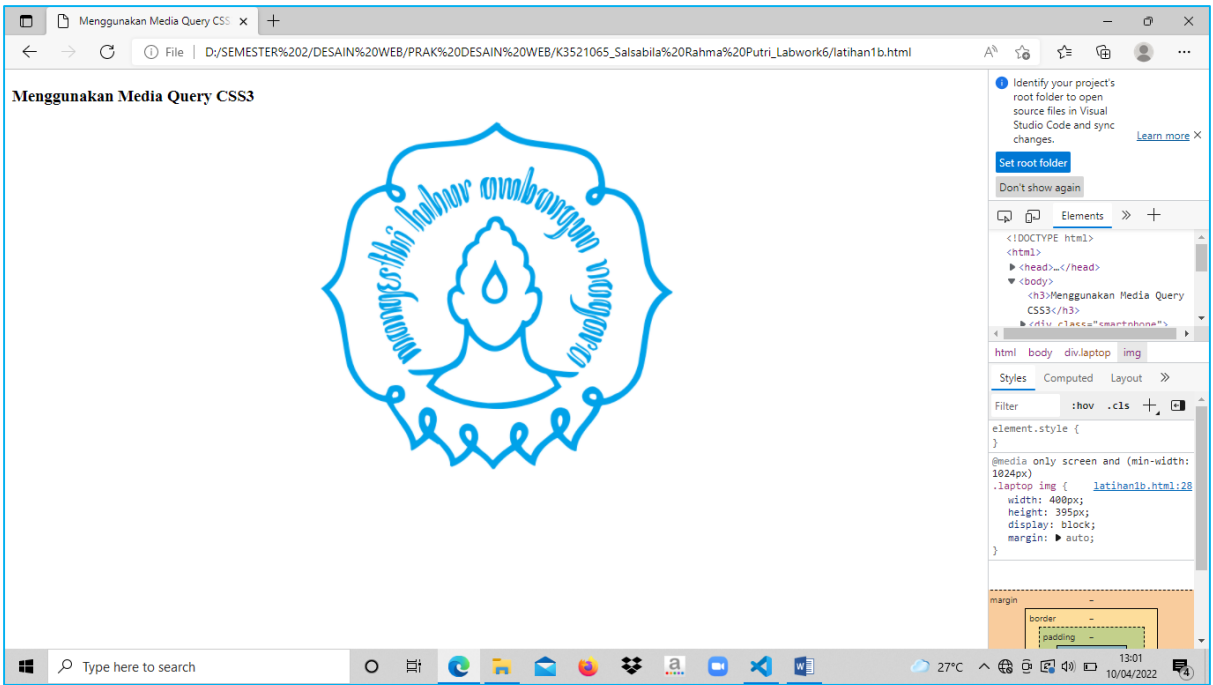
  <div class="laptop">
    
  </div>

</body>
</html>
```

Hasil :



Tampilan akan berwarna kuning dan muncul tulisan **Terdeteksi ukuran smartphone** saat width display kurang dari 428px



Tampilan akan muncul **Logo UNS** saat display untuk desktop atau width lebih dari 1024px

Latihan 2b

Kode :

```
<!DOCTYPE html>
<html>
<head>
  <title>Desain Responsif</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <style type="text/css">
    #wrapper{
      display: flex;
      flex-direction: column;
      margin: auto;
      width: 100%;
    }

    #header{
      height: 150px;
      padding: 20px;
      border: 2px solid red;
    }

    #nav{
      height: 200px;
      padding: 20px;
      border: 2px solid red;
      flex: 1;
    }
  </style>
</head>
<body>
  <div id="wrapper">
    <div id="header">
      <h1>Desain Responsif</h1>
    </div>
    <div id="nav">
      <ul>
        <li>Home</li>
        <li>About</li>
        <li>Contact</li>
      </ul>
    </div>
  </div>
</body>
</html>
```

```
#flexbox{
  display: flex;
  flex-direction: row;
  flex-wrap: wrap;
}

.box{
  float: left;
  margin: 0 2% 2% 0;
  height: 120px;
  min-width: 250px;
  background: red;
  border: 2px solid red;
  flex: 1;
}

#footer{
  height: 120px;
  padding: 20px;
  border: 2px solid red;
}

</style>

</head>
<body>

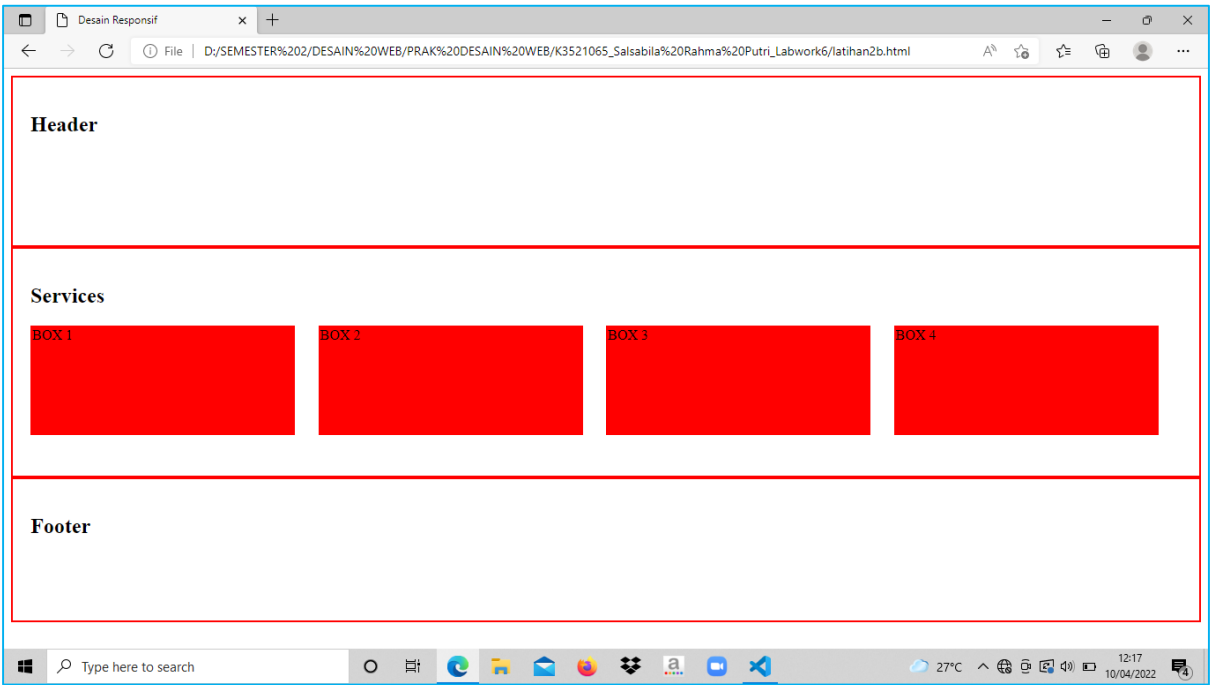
  <div id="wrapper">
    <div id="header">
      <h2>Header</h2>
    </div>

    <div id="nav">
      <h2>Services</h2>
      <div id="flexbox">
        <div class="box"> BOX 1 </div>
        <div class="box"> BOX 2 </div>
        <div class="box"> BOX 3 </div>
        <div class="box"> BOX 4 </div>
      </div>
    </div>

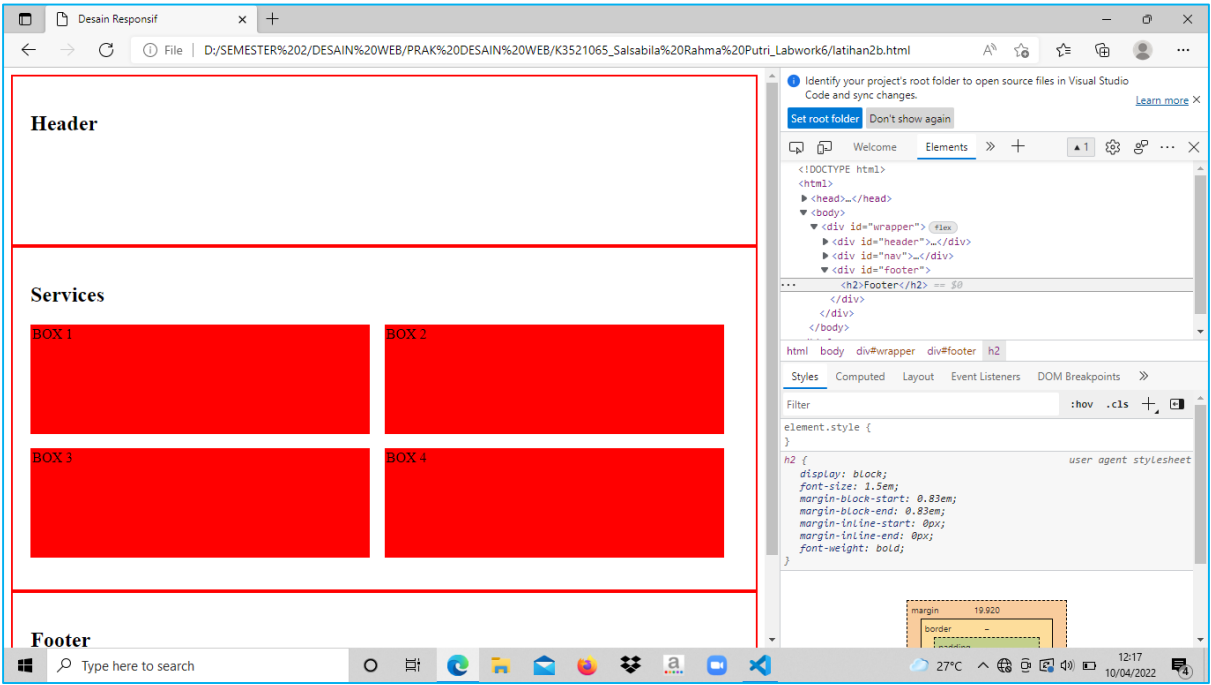
    <div id="footer">
      <h2>Footer</h2>
    </div>
  </div>

</body>
</html>
```

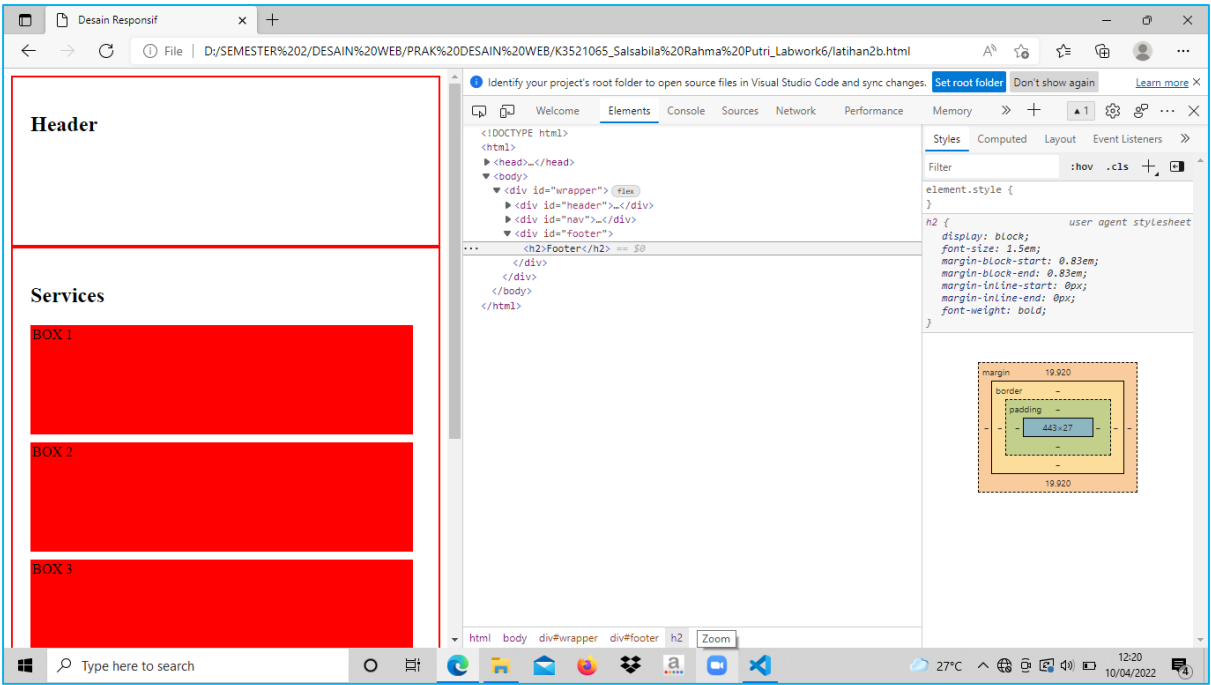
Hasil :



Tampilan akan seperti gambar diatas untuk display desktop



Tampilan akan seperti gambar diatas untuk display tablet



Tampilan akan seperti gambar diatas untuk display smartphone

Latihan 3b

Kode :

```
<!DOCTYPE html>
<html>
<head>
  <title>Animasi Transisi CSS3</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <style type="text/css">
    .box{
      width: 40%;
      height: 100px;
      background: orange;
      border: 2px solid #212121;

      -webkit-transition: all 1s ease-in-out;
      -o-transition: all 1s ease-in-out;
      -moz-transition: all 1s ease-in-out;
      transition: all 1s ease-in-out;
    }

    /*landscape*/
    @media (orientation:landscape){
      .box{
        width: 100%;
        border-radius: 50%;
        background: blue;

        -webkit-animation: spin 2s linear infinite;
        -o-animation: spin 2s linear infinite;
      }
    }
  </style>
</head>
<body>
  <div class="wrapper">
    <div class="header">
      <h1>Header</h1>
    </div>
    <div class="services">
      <div class="box">BOX 1</div>
      <div class="box">BOX 2</div>
      <div class="box">BOX 3</div>
    </div>
  </div>
</body>
</html>
```

```
        -moz-animation: spin 2s linear infinite;
        animation: spin 2s linear infinite;
    }

    @-webkit-keyframes spin{
        100%{-webkit-transform: rotate(360deg);}
    }

    @-moz-keyframes spin{
        100%{-webkit-transform: rotate(360deg);}
    }

    @keyframes spin{
        100%{-webkit-transform: rotate(360deg);}
    }
}

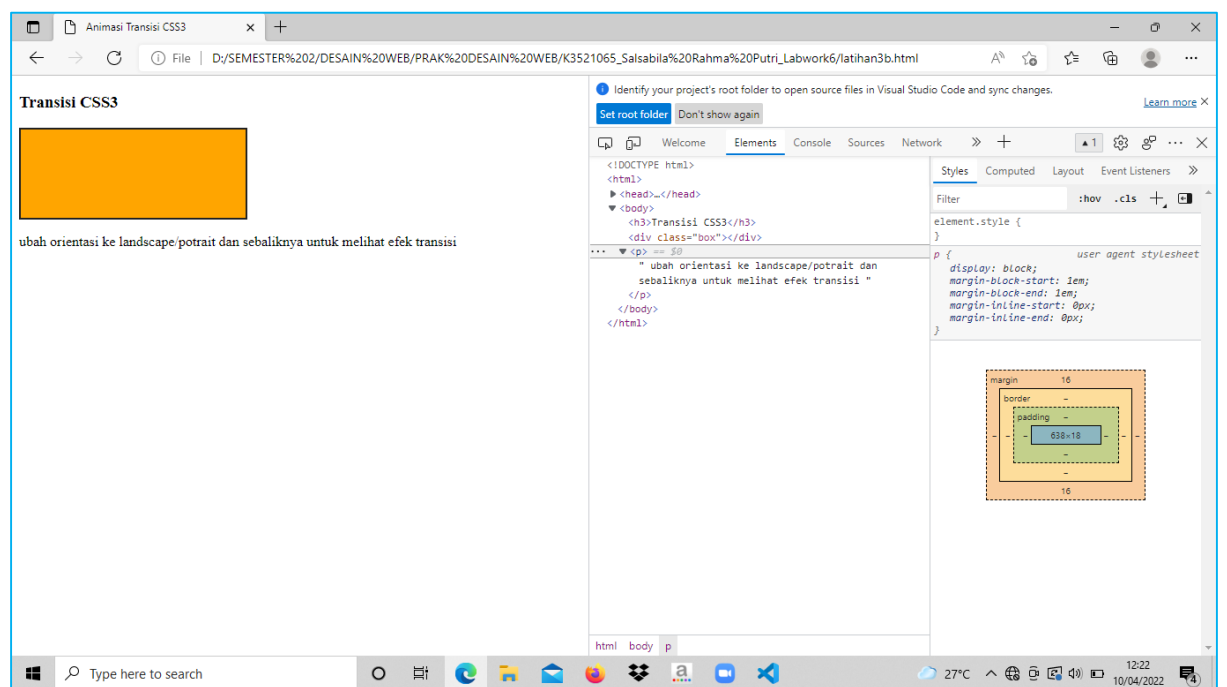
</style>

</head>
<body>
    <h3>Transisi CSS3</h3>

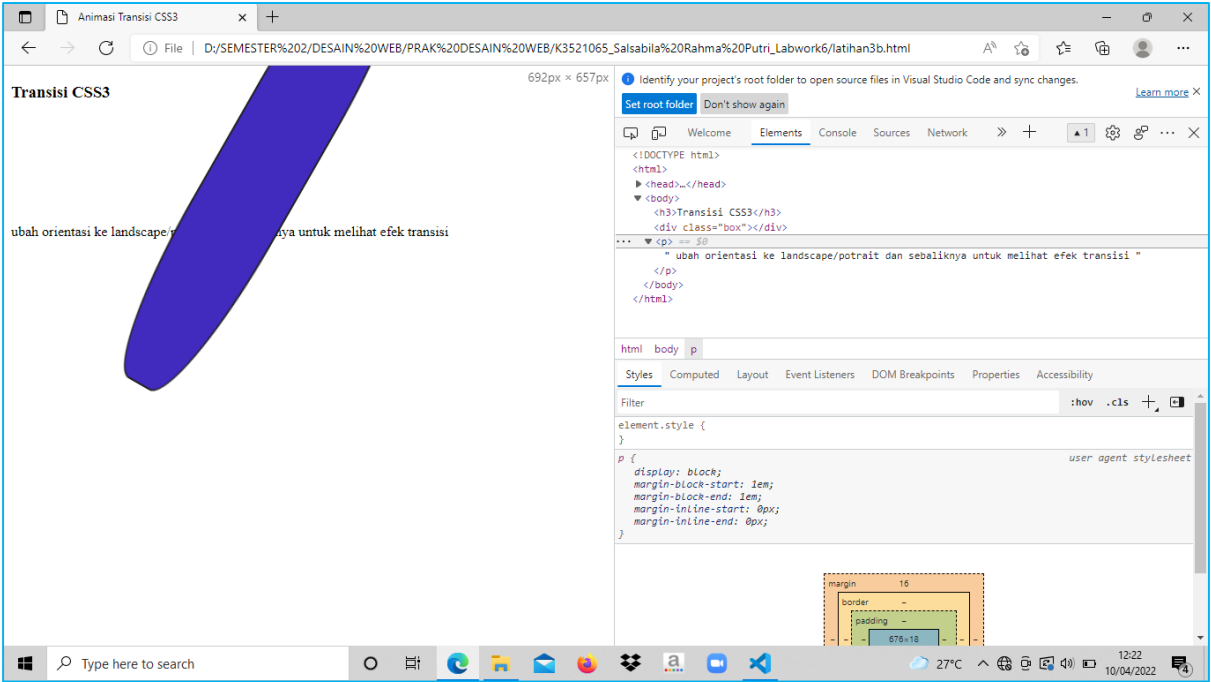
    <div class="box"></div>

    <p>
        ubah orientasi ke landscape/potrait dan sebaliknya untuk melihat efek
        transisi
    </p>
</body>
</html>
```

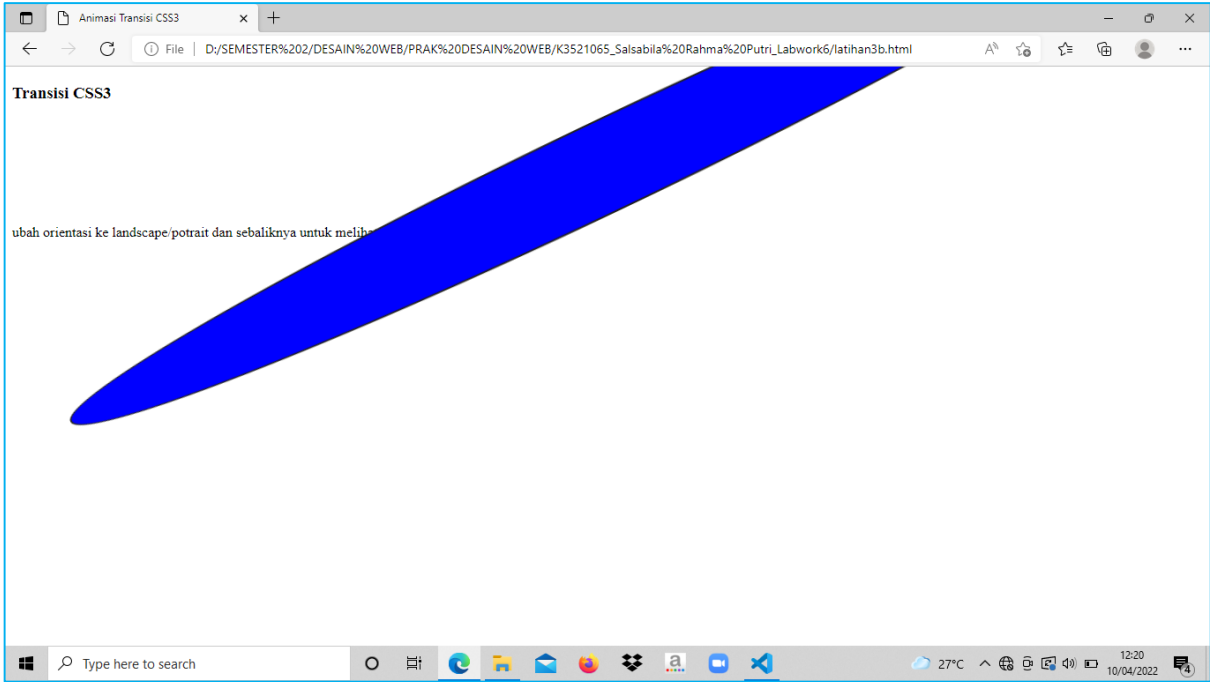
Hasil :



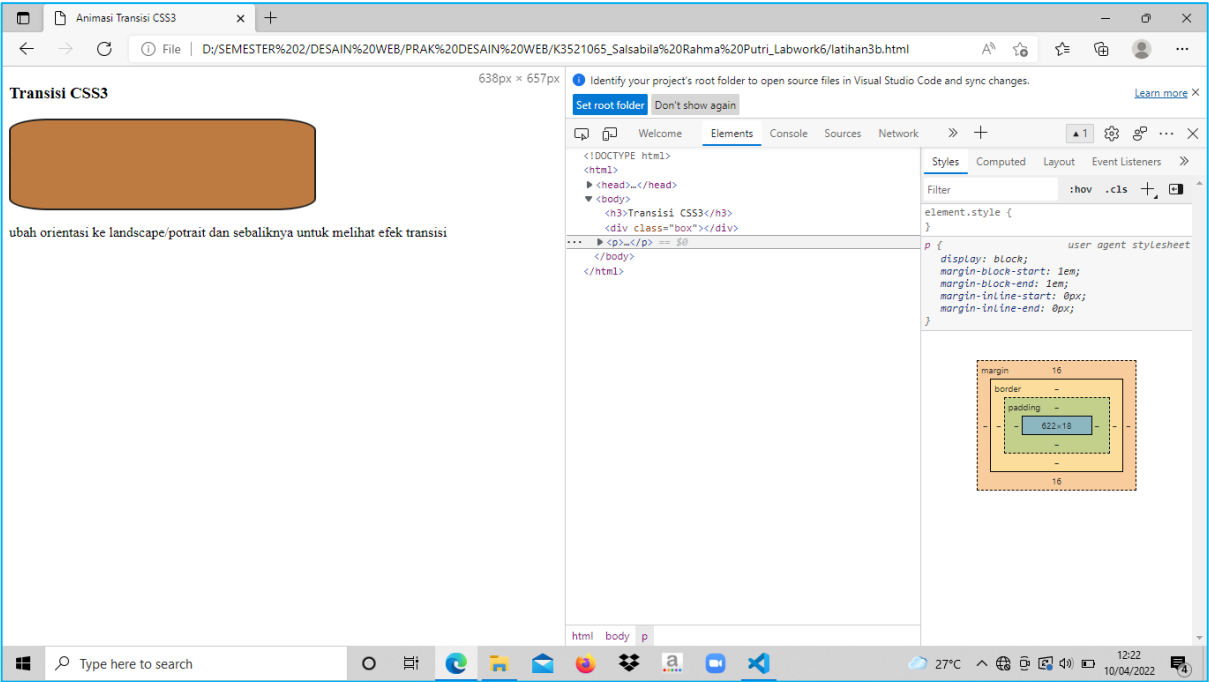
Tampilan gambar saat width display kurang dari 657px



Tampilan gambar saat width display lebih dari 657px



Tampilan gambar saat width lebih dari 657px atau display desktop



Tampilan gambar saat bentuk oval kembali ke bentuk kotak, yaitu saat width display kurang dari 657px