Tugas Latihan 2

Lab Pemrograman WEB

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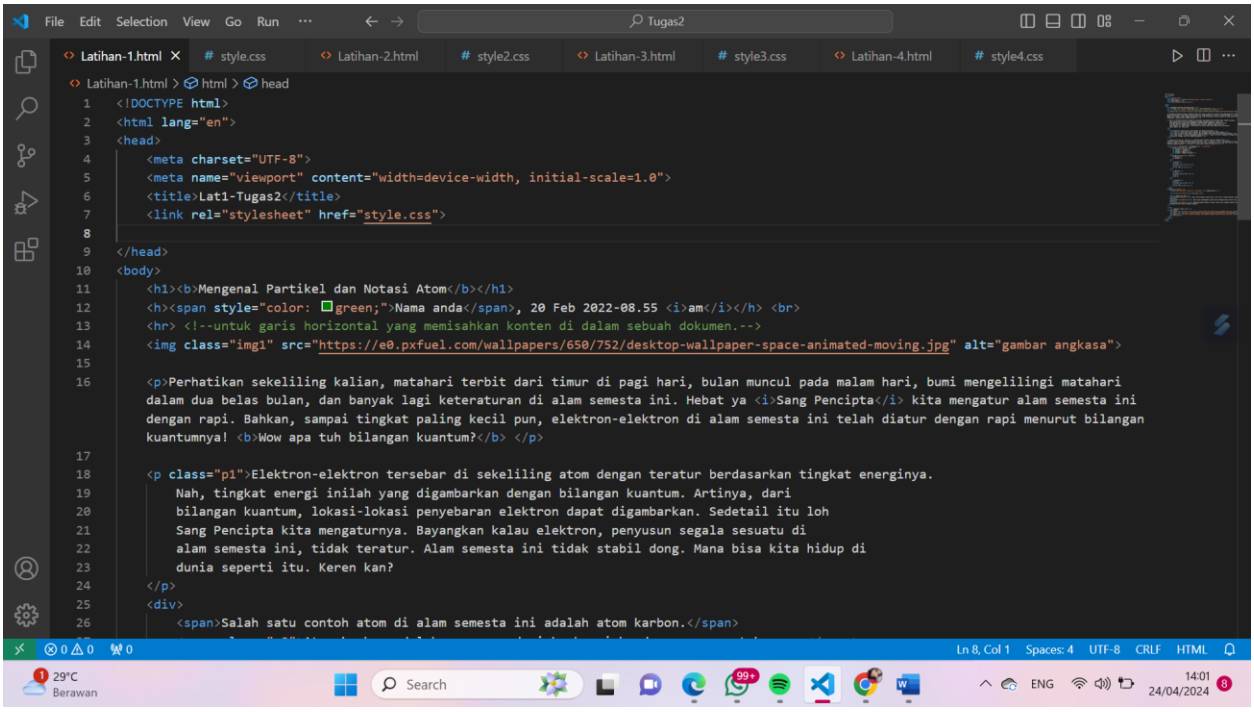
Hasil Pengerjaan Soal Latihan 2.3 (Soal modul Pemrograman Web)

1. Latihan-1

   Source Code:



```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Lat1-Tugas2</title>
    <link rel="stylesheet" href="style.css">

</head>
<body>
    <h1><b>Mengenal Partikel dan Notasi Atom</b></h1>
    <h><span style="color: green;">Nama anda</span>, 20 Feb 2022-08.55 <i>am</i></h> <br>
    <hr> <!--untuk garis horizontal yang memisahkan konten di dalam sebuah dokumen.-->
    <img class="img1" src="https://e0.pxfuel.com/wallpapers/650/752/desktop-wallpaper-space-animated-moving.jpg" alt="gambar angkasa">

    <p>Perhatikan sekeliling kalian, matahari terbit dari timur di pagi hari, bulan muncul pada malam hari, bumi mengelilingi matahari
    dalam dua belas bulan, dan banyak lagi keteraturan di alam semesta ini. Hebat ya <i>Sang Pencipta</i> kita mengatur alam semesta ini
    dengan rapi. Bahkan, sampai tingkat paling kecil pun, elektron-elektron di alam semesta ini telah diatur dengan rapi menurut bilangan
    kuantumnya! <b>Wow apa tuh bilangan kuantum?</b> </p>

    <p class="p1">Elektron-elektron tersebar di sekeliling atom dengan teratur berdasarkan tingkat energinya.
        Nah, tingkat energi inilah yang digambarkan dengan bilangan kuantum. Artinya, dari
        bilangan kuantum, lokasi-lokasi penyebaran elektron dapat digambarkan. Sedetail itu loh
        Sang Pencipta kita mengaturnya. Bayangkan kalau elektron, penyusun segala sesuatu di
        alam semesta ini, tidak teratur. Alam semesta ini tidak stabil dong. Mana bisa kita hidup di
        dunia seperti itu. Keren kan?
    </p>
    <div>
        <span>Salah satu contoh atom di alam semesta ini adalah atom karbon.</span>
```

File Edit Selection View Go Run ··· Tugas2

Latihan-1.html | style.css | Latihan-2.html | style2.css | Latihan-3.html | style3.css | Latihan-4.html | style4.css

Latihan-1.html > html > head

```html
<html lang="en">
<body>
    <div>
        <span>Salah satu contoh atom di alam semesta ini adalah atom karbon.</span>
        <span class="p2">Atom karbon adalah penyusun dari berbagai benda yang sangat berguna</span>
        <span class="p3">Mulai dari bensin, plastik, berlian bahkan tubuh kita pun tersusun dari karbon!</span>
        <span>! Nah, karbon <i>(biasa dilambangkan dengan huruf C)</i> punya 6 elektron. Bagaimana bilangan kuantum dari elektron
        terakhirnya? Tinggal ikuti deh langkah-langkahnya.</span>
    </div>

    <h style="text-                                                    nyusun Atom dan Lambung Atom</b></h>
    <p>Partikel das                                                    )</i>, neutron <i>(n)</i>, dan elektron <i>(e)</i>. jadi,massa atom =
    (massa p + mass                                                    cil daripada massa proton dan massa neutron, maka massa elektron dapat
    diabaikan.Denga                                                    assa p + massa n</span> </p>

    <table border="                                                    "center">
        <tr style="background-color: skyblue;">
            <th rowspan="2">Partikel</th>
            <th rowspan="2">Lambang</th>
            <th rowspan="2">Massa (g)</th>
            <th colspan="2">Muatan (Coulomb)</th>
        </tr>
        <tr style="background-color: skyblue;">
            <th>Satuan</th>
            <th>Coulomb</th>
        </tr>
        <tr>
            <td>Proton</td>
            <td>p</td>
```

Sets the background color of an element.
(Edge 12, Firefox 1, Safari 1, Chrome 1, IE 4, Opera 3)
Syntax: <color>
MDN Reference

Ln 8, Col 1 Spaces: 4 UTF-8 CRLF HTML

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File Edit Selection View Go Run ··· Tugas2

Latihan-1.html | style.css | Latihan-2.html | style2.css | Latihan-3.html | style3.css | Latihan-4.html | style4.css

Latihan-1.html > html > head

```html
<html lang="en">
<body>
    <table border="1" cellspacing="0" cellpadding="7px"  align="center">
        <tr>
            <td>Proton</td>
            <td>p</td>
            <td>1.673 x 10<sup>-24</sup></td>
            <td>+1 </td>
            <td>1.6 x 10<sup>-9</sup></td>
        </tr>
        <tr>
            <td>Neutron</td>
            <td>n</td>
            <td>1.673 x 10<sup>-24</sup></td>
            <td>0</td>
            <td>0</td>
        </tr>
        <tr>
            <td>Elektron</td>
            <td>e</td>
            <td>9.109 x 10<sup>-28</sup></td>
            <td>-1 </td>
            <td>1.6 x 10<sup>-19</sup></td>
        </tr>
    </table>
    <p style="line-height: 2.0;">
        <b style="text-decoration: underline; line-height: 3.0;">Lambang Atom</b><br>

        <img src="assets\Screenshot1.png" alt="gambar Xabc">
```

Ln 8, Col 1 Spaces: 4 UTF-8 CRLF HTML

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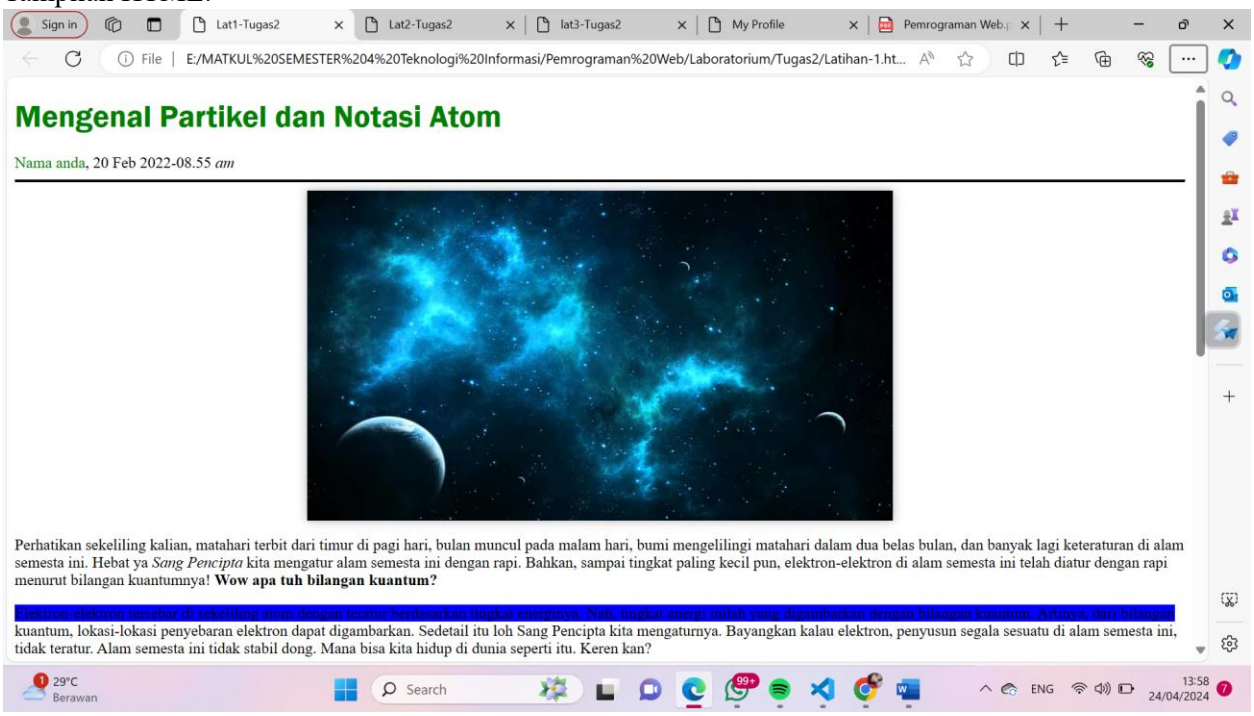
```html
<html lang="en">
<body>
    <p style="line-height: 2.0;">


        <img src="assets\Screenshot1.png" alt="gambar Xabc">

        <b>X</b> Simbol dari unsur <br>
        <span style="color: red">a</span> nomor atom merupakan jumlah proton. Saar netral (tidak bermuatan) akan sama dengan jumlah elektron<br>
        <span style="color: green">b</span> nomor massa melambangkan jumlah proton ditambah jumlah neutron atau disebut juga jumlah nukleon<br>
        <span style="color: yellow">c</span> Muatan/bilangan oksidasi (biloks) terdiri dari melepas elektron (positif) dan menangkap elektron atau bertambah (negatif).
    </p>

    <footer>
        <p ><b>Bagikan artikel ini</b></p>
    <div id="sosmed">
        <img class="icon" src="https://cdn.pixabay.com/photo/2021/12/10/16/38/whatsapp-6860919_1280.png" alt="WhatsApp">
        <img class="icon" src="https://upload.wikimedia.org/wikipedia/commons/5/51/Facebook_f_logo_%282019%29.svg" alt="facebook">
        <img class="icon" src="https://upload.wikimedia.org/wikipedia/commons/thumb/6/6f/Logo_of_Twitter.svg/1200px-Logo_of_Twitter.svg.png" alt="Twitter">
    </div>
    </footer>
</body>
</html>
```

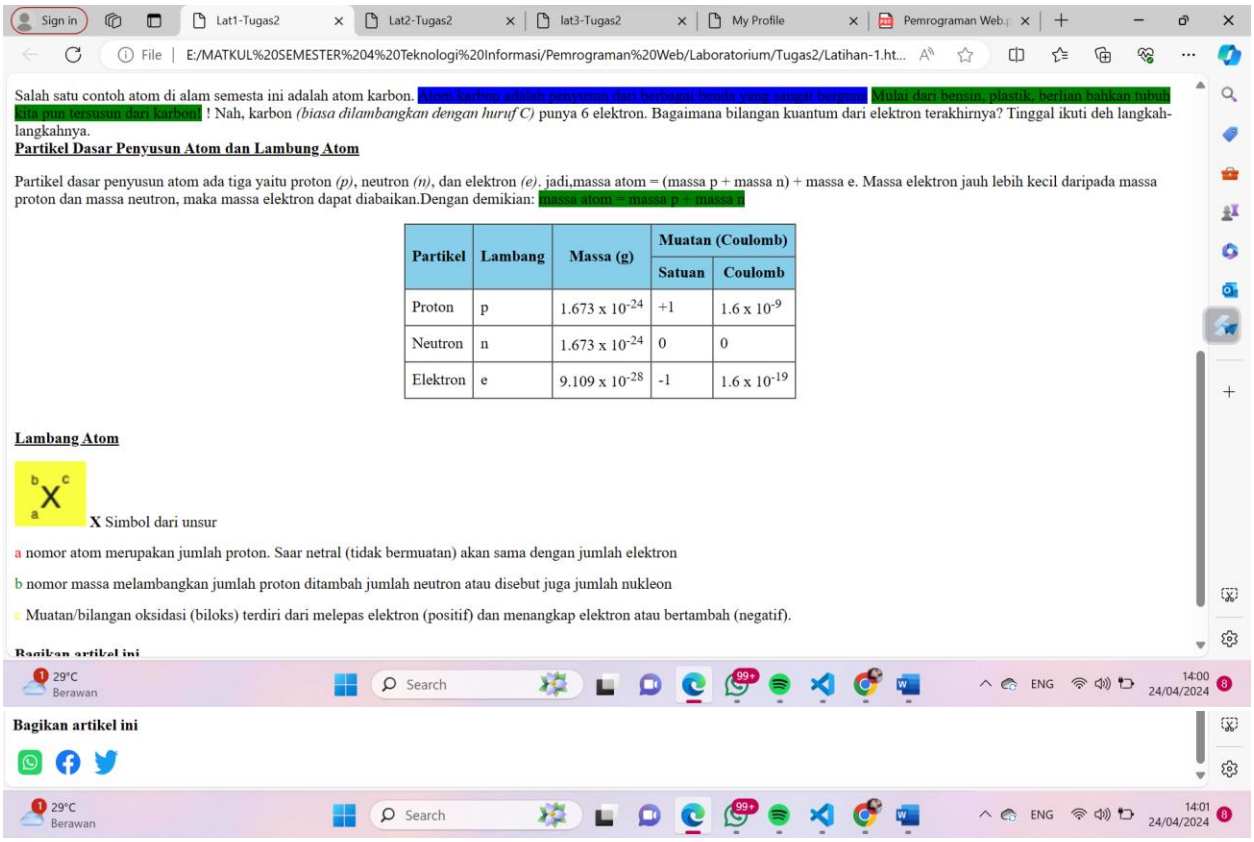
CSS:

```css
p.p1::first-line{
    background-color: blue;
    font-size: 16px;
    font-family : monoscape;
}

.p2 {
    background-color: blue;
}

.p3{
    background-color: green;
}

hr{
    border-top: 3px solid black; /* Ubah nilai 3px sesuai kebutuhan tebal garis */
}

img.img1{
    display: block; /* Mengubah gambar menjadi blok agar margin auto berfungsi */
    margin-left: auto; /* Mengatur margin kiri menjadi auto */
    margin-right: auto; /* Mengatur margin kanan menjadi auto */
    width: 50%; /* Lebar gambar sesuai kebutuhan Anda */
    /*border-radius: 10px;  Tambahkan sudut bulat ke gambar */
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.3); /* Tambahkan bayangan */
}
#sosmed{
    .icon{
        width: 25px;
```

```
}
#sosmed{
    .icon{
        width: 25px;
        height: 25px;
        margin:0px 5px ;
    }
}

h1{
    color: green;
    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
}
```

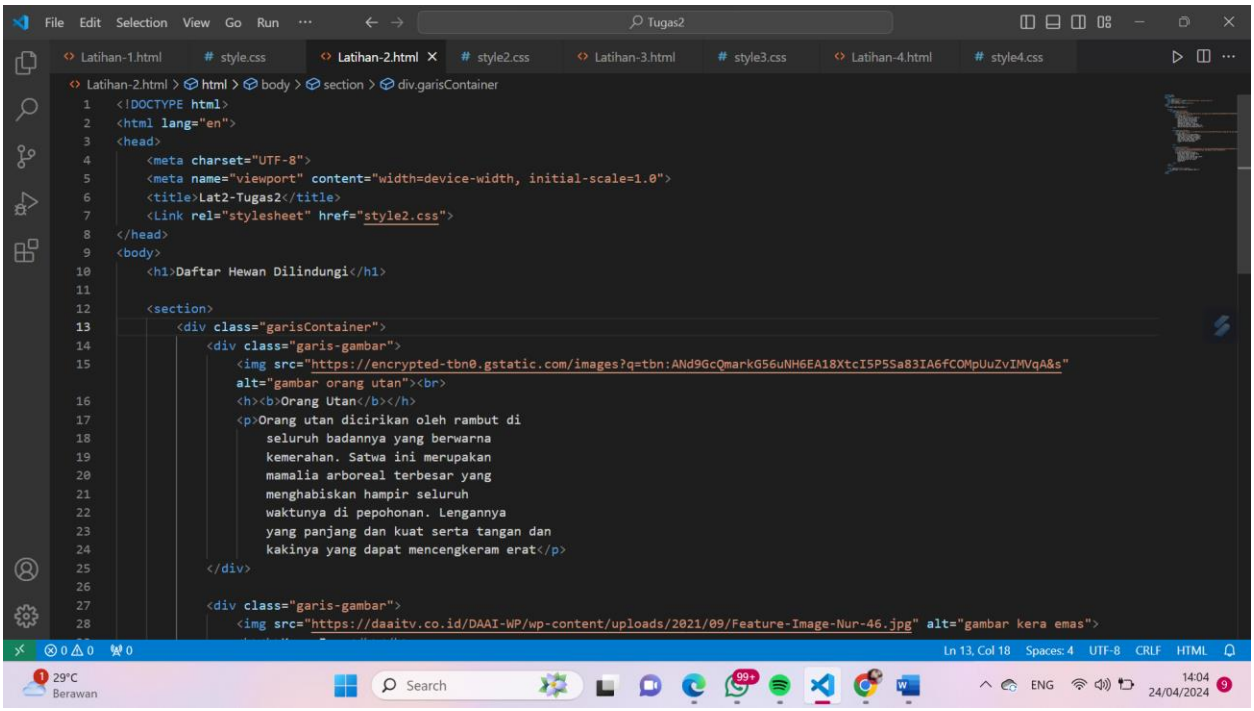
Tampilan HTML:





2. Latihan-2

Source code:



```html
<html lang="en">
<body>
    <section>
        <div class="garisContainer">
            <div class="garis-gambar">
                <img src="https://daaitv.co.id/DAAI-WP/wp-content/uploads/2021/09/Feature-Image-Nur-46.jpg" alt="gambar kera emas">
                <h><b>Kera Emas</b></h>
                <p>Monyet yang unik ini juga dikenal
                    sebagai hewan yang memiliki adaptasi
                    yang sangat baik dengan lingkungan
                    yang bersuhu sangat dingin. Umumnya,
                    monyet hidung pesek rambut emas
                    tinggal di hutan pegunungan.
                    </p>

            </div>

            <div class="garis-gambar">
                <img src="https://assets.promediateknologi.id/crop/0x0:0x0/750x500/webp/photo/p1/776/2023/09/17/
                Picsart_23-09-17_15-26-36-272-2179691478.jpg" alt="gambar Burung Cendrawasih">
                <h><b>Burung Cendrawasih</b></h>
                <p>Burung cenderawasih termasuk ke
                    dalam hewan langka dan hanya bisa
                    ditemukan di Papua. Burung
                    cendrawasih punya tampilan yang cantik
                    yang membuat burung ini sering
                    menjadi perburuan liar untuk
                    didagangkan.
                    </p>
```

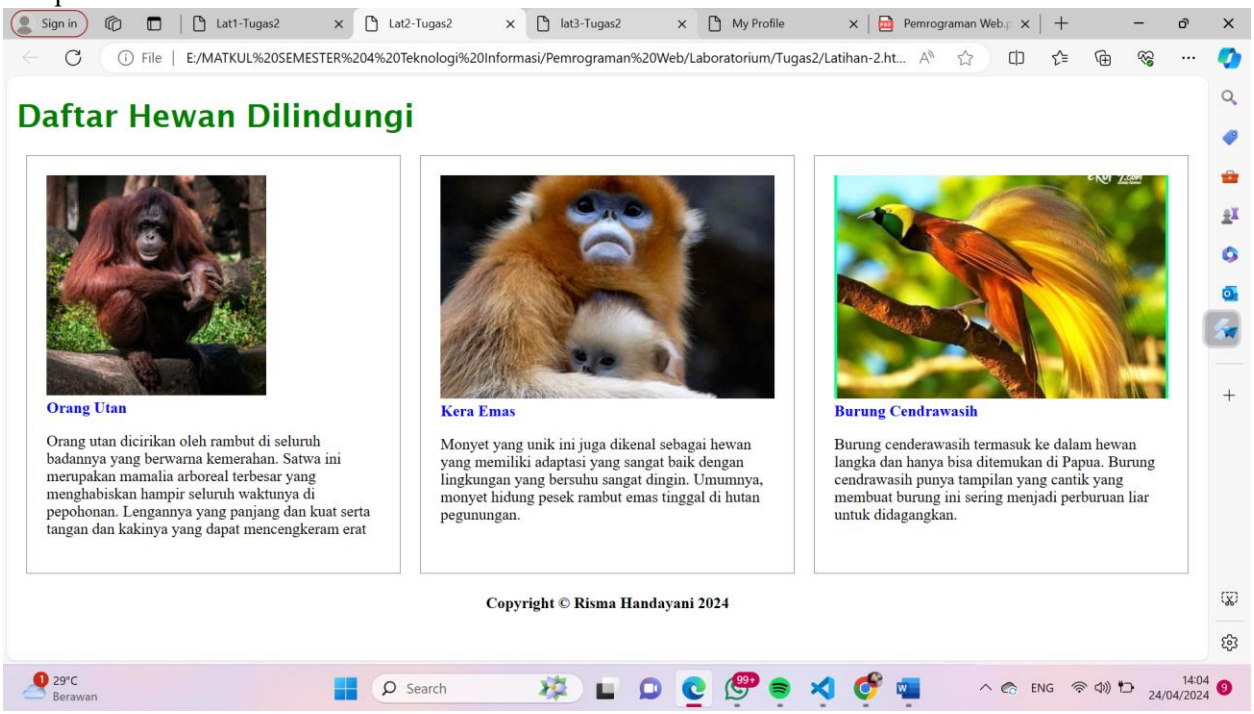
```html
                    </p>
            </div>
        </div>
    </section>

    <footer style="text-align: center;">
        <h4>Copyright &copy; Risma Handayani 2024</h4>
    </footer>
</body>
</html>
```

CSS:

```css
h1{
}
h{
    color: blue ;
}
body{
    margin: 0px 10px;
}
.garisContainer{
    display: flex;
    flex-direction: row;
}
.garis-gambar{
        border: 1px solid grey;
        margin: 0px 10px;
        padding: 20px 20px;
        flex: 30%;
}

img{
    max-width: 100%;
    height :auto;
}

@media (max-Width:800px) {
    .garisContainer{
        flex-direction: column;
    }
    .garis-gambar{
```

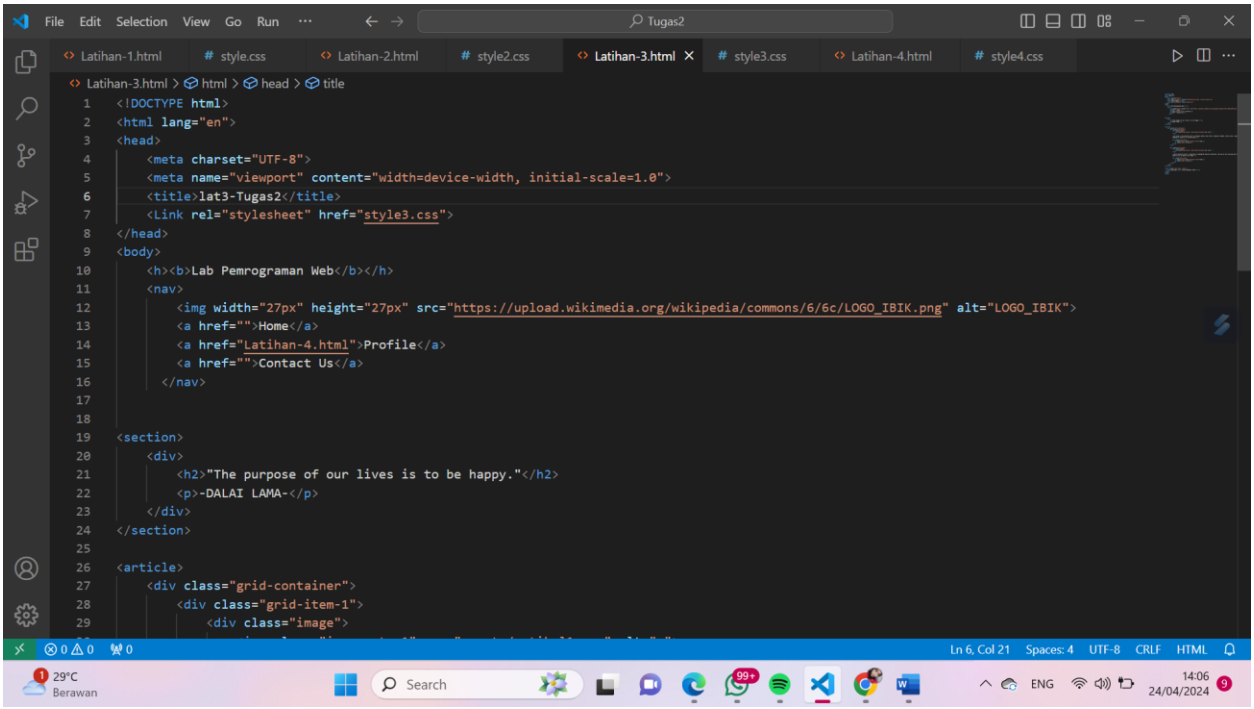
```
    .garis-gambar{
        margin: 10px 0px;
    }
}
```

Tampilan HTML:



3. Latihan-3

Source Code:




```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>lat3-Tugas2</title>
    <Link rel="stylesheet" href="style3.css">
</head>
<body>
    <h><b>Lab Pemrograman Web</b></h>
    <nav>
        <img width="27px" height="27px" src="https://upload.wikimedia.org/wikipedia/commons/6/6c/LOGO_IBIK.png" alt="LOGO_IBIK">
        <a href="">Home</a>
        <a href="Latihan-4.html">Profile</a>
        <a href="">Contact Us</a>
      </nav>


<section>
    <div>
        <h2>"The purpose of our lives is to be happy."</h2>
        <p>-DALAI LAMA-</p>
    </div>
</section>

<article>
    <div class="grid-container">
        <div class="grid-item-1">
            <div class="image">
```

```html
<html lang="en">
<body>
<article>
    <div class="grid-container">
        <div class="grid-item-1">
            <img class="img-center1" src="assets/artikel1.png" alt=" ">
        </div>

        <p>An atom is the smallest unit of ordinary matter that forms a chemical element. Every solid, liquid, gas, and plasma is composed of neutral or ionized atoms.</p>

        <div class="foot-card">
            <a class="link" href="Latihan-1.html">View</a>
            <p class="waktu">9 mins</p>
        </div>
    </div>

    <div class="grid-item-1">
        <div class="image">
            <img class="img-center2" src="assets/artikel2.png" alt=" ">
        </div>

        <p>World Wildlife Fund is committed to endangered species protection. See how we are ensuring that the world our children inherit will be home to the same.</p>

        <div class="foot-card">
            <a class="link" href="Latihan-2.html">View</a>
            <p class="waktu">9 mins</p>
        </div>
```

```html
        </div>
    </div>
</article>

<footer style="text-align: center;">
    <p><b>Copyright &copy; Risma Handayani 2024</b></p>
</footer>
</body>
</html>
```

CSS:

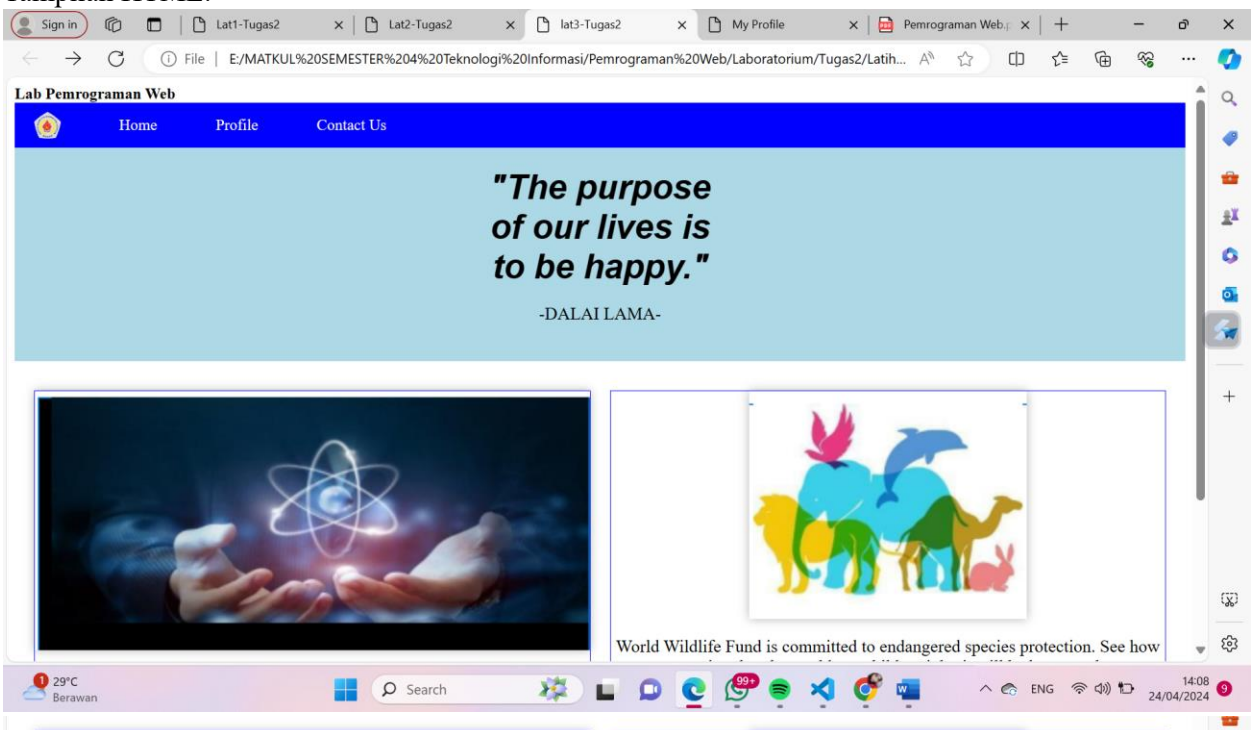
```css
nav {
    background-color: blue;
    overflow: hidden;
    display: flex; /* Add flexbox */
    align-items: center; /* Align items vertically */
  }
  nav img {
   padding: 8px 20px;
  }
  nav a {
    color: white;
    text-align: center;
    padding: 14px 20px;
    text-decoration: none;
    margin-left: 20px;
  }
  nav a:hover {
    background-color: skyblue;
    color: white;
  }

  section {
    background-color: lightblue;
    padding: 20px;
    margin:  0 0;
  }
  h2 {
    color: black;
    text-align: center;
```

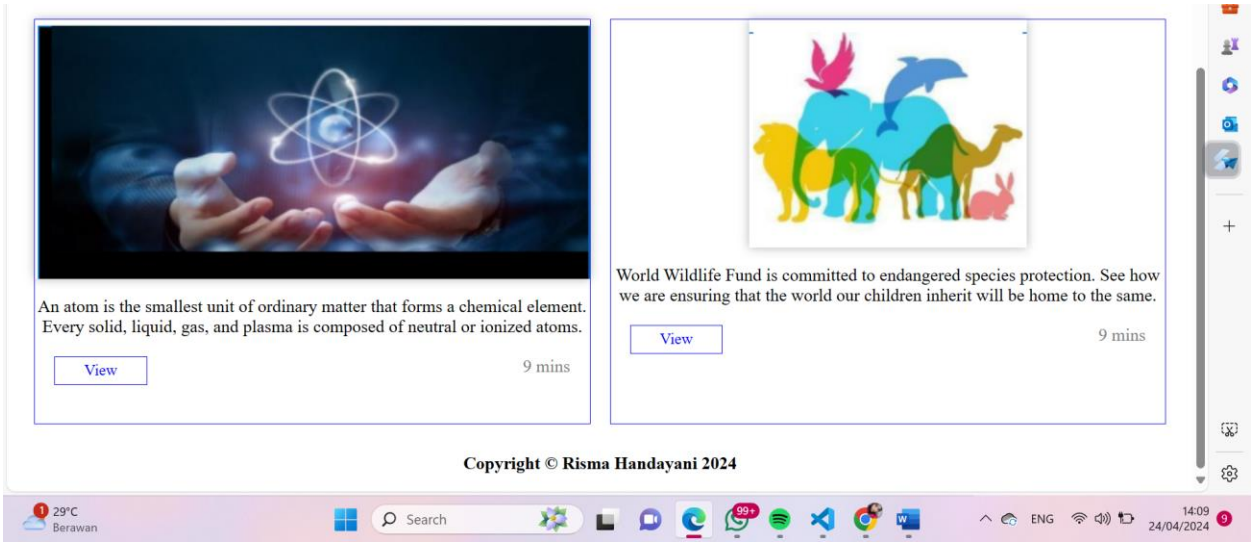
```
  h2 {
    font-family: Helvetica, sans-serif;
    font-size: 35px;
    font-style: italic;
    margin: auto;
    width: 20%;
  }
  p {
    color: black;
    text-align: center;
    font-size: 18px;
  }

  .grid-container{
    display: flex;
    flex-direction: row;
    margin: 30px 10px;
  }

  .grid-item-1{
    border: 1px solid blue;
    padding : 0px 0px 30px 0px;
    margin : 0px 10px;
    flex:50%;
  }

  image{
    border-bottom: 1px solid blue;
    margin-left: auto;
```

```
  image{
    justify-content: center;
  }

  .foot-card{
    margin: 20px;
  }

  .waktu{
    margin-top : 0;
    float:right;
    color: gray;
  }

  .link{
    float :left;
    padding: 5px 30px;
    border: 1px solid blue;
    color : blue;
    text-decoration: none;
  }

  .link:hover{
    background-color: blue;
    color: white
  }

  .img-center1{
    display: block;
```

```
    display: block;
    margin-left: auto;
    margin-right: auto;
    width: 100%;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
  }

  .img-center2{
    display: block;
    margin-left: auto;
    margin-right: auto;
    width: 50%;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
  }
```

Tampilan HTML:





4. Latihan-4
   Source Code:

File Edit Selection View Go Run ··· Tugas2

Latihan-1.html | style.css | Latihan-2.html | style2.css | Latihan-3.html | style3.css | Latihan-4.html | style4.css

Latihan-4.html > html > body > div.portfolio > div.project > img

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Profile</title>
    <link rel="stylesheet" href="style4.css">
</head>
<body>
  <nav>
    <a href="">Home</a>
    <a href="">About</a>
    <a href="">Contact Us</a>
  </nav>
    <div class="container">
        <h1>My Profile</h1>
        <div class="profile-info">
            <div class="photo-container">
                <img class="profile-photo" src="assets/IMG-20220917-WA0027.jpg" alt="Foto Profil">
            </div>
            <div>
                <label for="nama">Nama:</label>
                <span id="nama">Risma Handayani</span>
            </div>
            <div>
              <label for="email">Email:</label>
              <span id="email">rismahandayani801@gmail.com</span>
          </div>
            <div>
```

Ln 56, Col 56 Spaces: 4 UTF-8 CRLF HTML

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File Edit Selection View Go Run ··· Tugas2

Latihan-1.html | style.css | Latihan-2.html | style2.css | Latihan-3.html | style3.css | Latihan-4.html | style4.css

Latihan-4.html > html > body > div.portfolio > div.project > img

```html
<html lang="en">
<body>
    <div class="container">
        <div class="profile-info">
            <div>
                <label for="umur">Umur:</label>
                <span id="umur">20 Tahun</span>
            </div>
            <div>
                <label for="alamat">Alamat:</label>
                <span id="alamat">Kp.Sari Gading rt05/07</span>
            </div>
            <div>
              <label for="contact">Contact:</label>
              <span id="Contact">0814-1322-5122</span>
          </div>
        </div>
    </div>
    <h1 style="text-align: center;">My Portfolio</h1>
    <div class="portfolio">
        <div class="project">
            <img src="assets/(3)Main Logo Ra Hyra.jpg" alt="Project 1">
            <h2>Project 1</h2>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed aliquet diam vel nisi consectetur.</p>
        </div>
        <div class="project">
            <img src="assets/Tugas Lab Desain Grafis.jpg" alt="Project 2">
            <h2>Project 2</h2>
            <p>Quisque in diam sit amet lorem vestibulum mollis. Duis auctor diam nec lectus luctus tempor.</p>
```

Ln 56, Col 56 Spaces: 4 UTF-8 CRLF HTML

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```html
            <h2>Project 2</h2>
            <p>Quisque in diam sit amet lorem vestibulum mollis. Duis auctor diam nec lectus luctus tempor.</p>
        </div>
        <div class="project">
            <img src="assets/(3)Main Logo Ra Hyra.jpg" alt="Project 3">
            <h2>Project 3</h2>
            <p>Nulla vitae dolor eget risus vehicula pellentesque vel eget elit. Proin ut mauris et metus consectetur tristique.</p>
        </div>
    </div>
</div>
</body>
</html>
```

CSS:

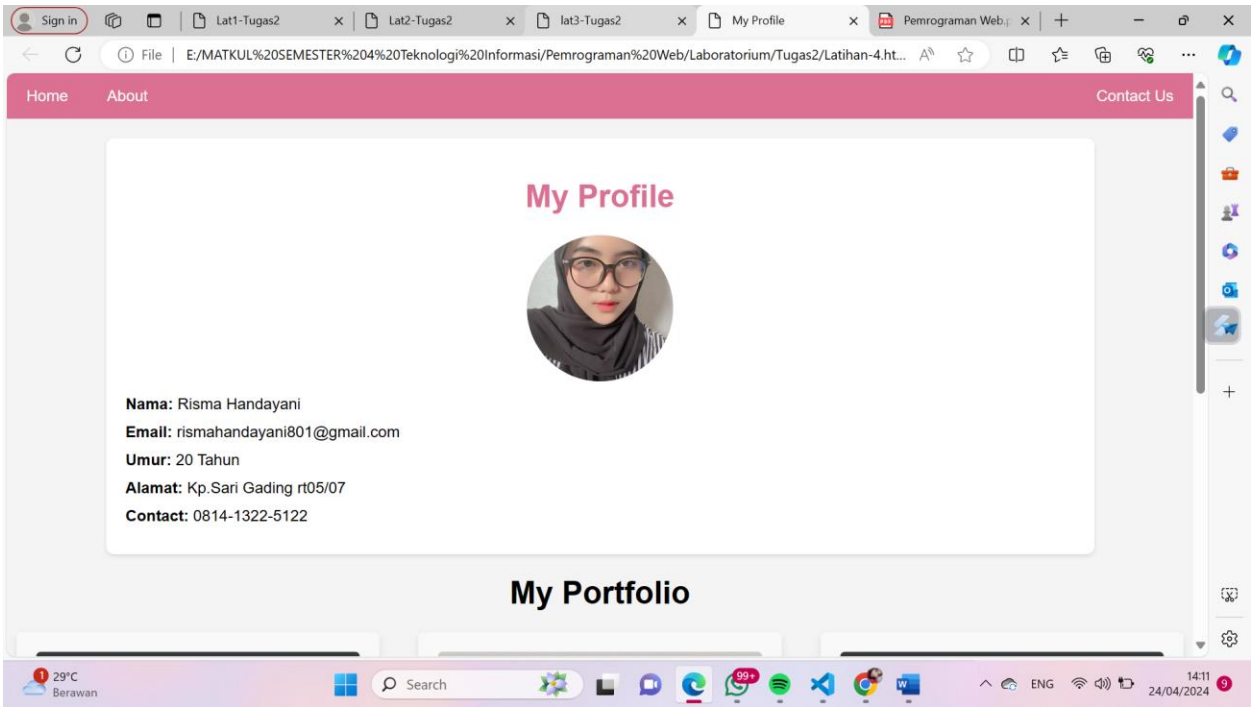
```css
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f4f4f4;
}

.container {
  width: 80%;
  background-color: #fff;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 2px 4px rgba(0,0,0,0.1);

  margin: 20px auto;body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f4f4f4;
  }

  h1 {
    text-align: center;
    color : palevioletred;
  }

  .profile-info {
    margin-top: 20px;
  }
```

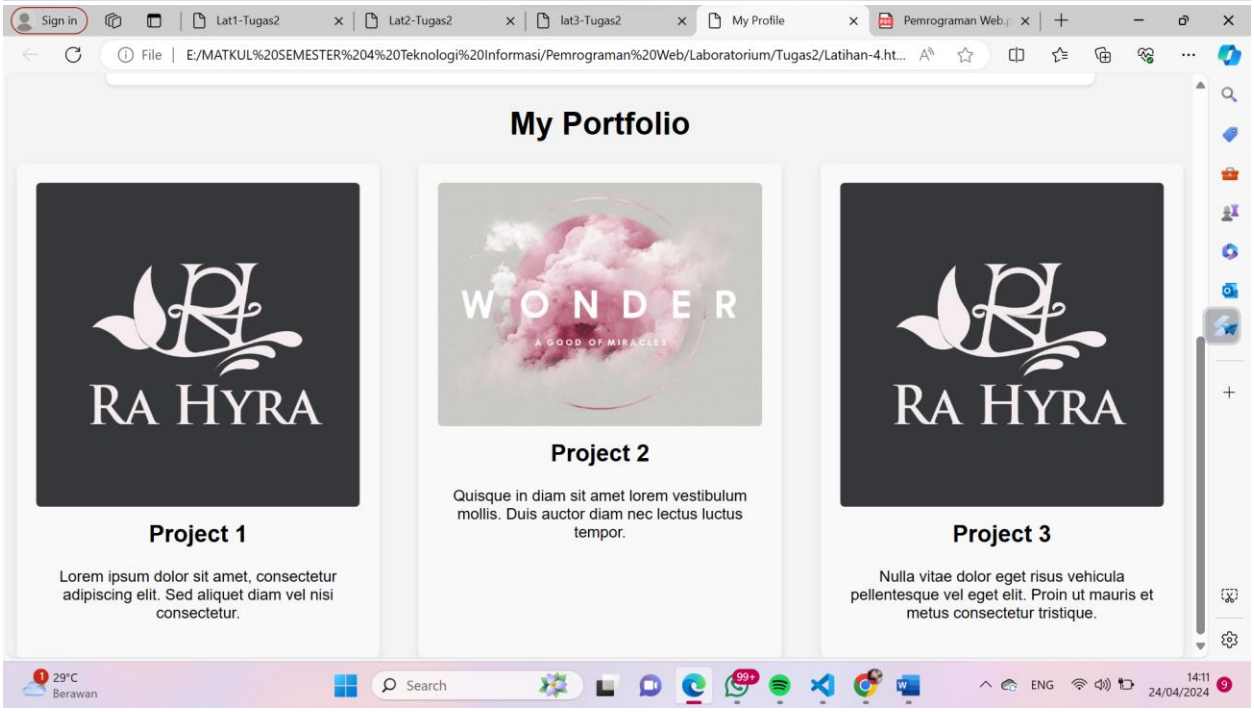
```css
.container {

  .profile-info div {
    margin-bottom: 10px;
  }

  .profile-info label {
    font-weight: bold;
  }

  .photo-container {
    text-align: center;
  }

  .profile-photo {
    width: 150px;
    height: 150px;
    border-radius: 50%;
    object-fit: cover;
  }
}

nav {
  background-color: palevioletred;
  overflow: hidden;
  display: flex; /* Add flexbox */
  align-items: center; /* Align items vertically */
}
```

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

nav li {
  margin-left: 20px;
}

nav a {
  color: white;
  text-align: center;
  padding: 14px 20px;
  text-decoration: none;
}

nav a:hover {
  background-color: whitesmoke;
  color: black;
}

nav a:last-child {
  margin-left: auto; /* Align the last link to the right */
}
.portfolio {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
```

```css
.portfolio {
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  grid-gap: 20px;
  justify-items: center;
}

.project {
  background-color: #f9f9f9;
  padding: 20px;
  border-radius: 5px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
  text-align: center;
  margin-left: 10px;
  margin-right: 10px;
}

.project img {
  max-width: 100%;
  border-radius: 5px;
}

.project h2 {
  margin-top: 10px;
}

.project p {
  margin-top: 10px;
}
```

Tampilan HTML:


Sign in
Lat1-Tugas2
Lat2-Tugas2
lat3-Tugas2
My Profile
Pemrograman Web.p
File | E:/MATKUL%20SEMESTER%204%20Teknologi%20Informasi/Pemrograman%20Web/Laboratorium/Tugas2/Latihan-4.ht...
Home
About
Contact Us
My Profile
Nama: Risma Handayani
Email: rismahandayani801@gmail.com
Umur: 20 Tahun
Alamat: Kp.Sari Gading rt05/07
Contact: 0814-1322-5122
My Portfolio
29°C
Berawan
Search
ENG
14:11
24/04/2024


Sign in
Lat1-Tugas2
Lat2-Tugas2
lat3-Tugas2
My Profile
Pemrograman Web.p
File | E:/MATKUL%20SEMESTER%204%20Teknologi%20Informasi/Pemrograman%20Web/Laboratorium/Tugas2/Latihan-4.ht...
My Portfolio
RA HYRA
Project 1
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed aliquet diam vel nisi consectetur.
WONDER
A GOOD OF MIRACLES
Project 2
Quisque in diam sit amet lorem vestibulum mollis. Duis auctor diam nec lectus luctus tempor.
RA HYRA
Project 3
Nulla vitae dolor eget risus vehicula pellentesque vel eget elit. Proin ut mauris et metus consectetur tristique.
29°C
Berawan
Search
ENG
14:11
24/04/2024