

# **Pemrograman Web**

## **Praktikum 1**



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**202310072**

**4TI – A1 Pagi**

**PARIWISATA DAN INFORMATIKA**

**TEKNOLOGI INFORMASI**

**INSTITUT BISNIS DAN INFORMATIKA KESATUAN**

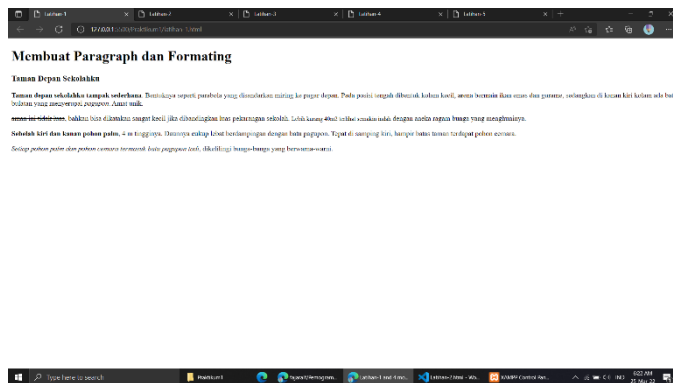
## Latihan 1:

Source Code:

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Latihan-1</title>
  </head>
  <body>
    <h1>Membuat Paragraph dan Formating</h1>
    <h3>Taman Depan Sekolahku</h3>
    <p>
      <b>Taman depan sekolahku tampak sederhana</b>. Bentuknya
seperti parabola yang
      disandarkan miring ke pagar depan. Pada posisi tengah dibentuk
kolam
      kecil, arena bermain ikan emas dan gurame, sedangkan di kanan
kiri kolam
      ada batu bulatan yang menyerupai <i>pagupon</i>. Amat unik.
    </p>
    <p>
      <del>aman ini tidak luas</del>, bahkan bisa dikatakan sangat
kecil jika dibandingkan
      luas pekarangan sekolah. <small>Lebih kurang 40m2 terlihat
semakin indah</small> dengan
      aneka ragam bunga yang menghuninya.
    </p>
    <p>
      <strong>Sebelah kiri dan kanan pohon palm</strong>, 4 m
tingginya. Daunnya cukup lebat
      berdampingan dengan batu pagupon. Tepat di samping kiri,
hampir batas
      taman terdapat pohon cemara.
    </p>
    <p>
      <em>Setiap pohon palm dan pohon cemara termasuk batu pagupon
tadi</em>, dikelilingi
      bunga-bunga yang berwarna-warni.
    </p>
  </body>
</html>
```

## Output:



## Latihan 2:

### Source Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Latihan-2</title>
  </head>
  <body>
    <h1>Membuat Paragraph dan Formating</h1>
    <h3>Taman Depan Sekolahku</h3>
    <p>
      <b>Taman depan sekolahku tampak sederhana</b>. Bentuknya
seperti parabola
      yang disandarkan miring ke pagar depan. Pada posisi tengah
dibentuk kolam
      kecil, arena bermain ikan emas dan gurame, sedangkan di kanan
kiri kolam
      ada batu bulatan yang menyerupai <i>pagupon</i>. Amat unik.
    </p>
    <p>
      <del>aman ini tidak luas</del>, bahkan bisa dikatakan sangat
kecil jika
      dibandingkan luas pekarangan sekolah.
      <small>Lebih kurang 40m2 terlihat semakin indah</small> dengan
aneka ragam
      bunga yang menghuninya.
    </p>
```

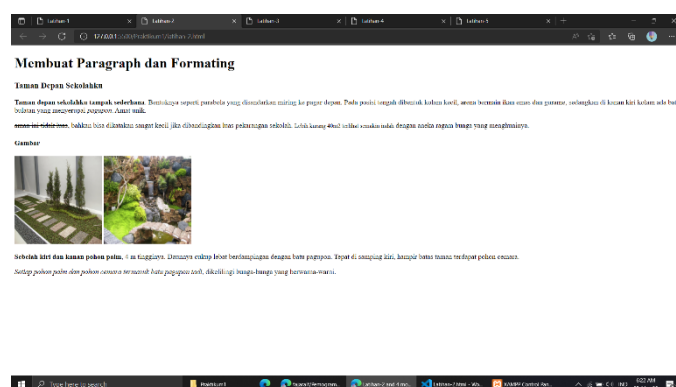
```

<h4>Gambar</h4>


<p>
  <strong>Sebelah kiri dan kanan pohon palm</strong>, 4 m
tingginya. Daunnya
  cukup lebat berdampingan dengan batu pagupon. Tepat di samping
kiri,
  hampir batas taman terdapat pohon cemara.
</p>
<p>
  <em>Setiap pohon palm dan pohon cemara termasuk batu pagupon
tadi</em>,
  dikelilingi bunga-bunga yang berwarna-warni.
</p>
</body>
</html>

```

## Output:



### Latihan 3:

Source Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Latihan-3</title>
    <style>
      table {
        border-collapse: collapse;
        width: 100%;
      }
      th {
        text-align: left;
      }
    </style>
  </head>
  <body>
    <h1>Membuat Tabel</h1>
    <p>
      Oksigen mempunyai beberapa SIFAT FISIKA, diantaranya yang
terdapat dalam
      table berikut:
    </p>
    <table border="1">
      <tr style="background-color: gray">
        <th>Sifat Fisika</th>
        <th>Oksigen</th>
      </tr>
      <tr>
        <td>Massa atom <i>relative</i></td>
        <td>15,994</td>
      </tr>
      <tr>
        <td>Nomor Atom</td>
        <td>8</td>
      </tr>
      <tr>
        <td>Konfigurasi <i>electron</i></td>
        <td>2<small>s</small><sup>2</sup>2p<sup>4</sup></td>
      </tr>
      <tr>
        <td>Jari-jari atom (nm)</td>
        <td></td>
      </tr>
    </table>
  </body>
</html>
```

```

        <td>0,074</td>
    </tr>
    <tr>
        <td>Jari-jari X<sup>2</sup> (nm)</td>
        <td>0.140</td>
    </tr>
    <tr>
        <td>Keelectronegatifan</td>
        <td>3,5</td>
    </tr>
    <tr>
        <td>Energy ionisasi I (kJ/mol)</td>
        <td>1316</td>
    </tr>
    <tr>
        <td>Energy ionisasi II (kJ/mol)</td>
        <td>3396</td>
    </tr>
    <tr>
        <td>Kerapatan (g/cm<sup>3</sup>)</td>
        <td>1.27 (padatan)</td>
    </tr>
    <tr>
        <td>Titik leleh (<sup>0</sup>C)</td>
        <td>+183</td>
    </tr>
    <tr>
        <td>ENergy ionisasi I ( <sup>0</sup>C)</td>
        <td>-219</td>
    </tr>
    <tr>
        <td><i>Potensial elektroda</i> (V)</td>
        <td>+0.401</td>
    </tr>
    <tr>
        <td>
            X<small>2(g)</small>+2e<sup>+</sup><small>(aq)</small> -->
2X<sup>
            >-</sup>
            ><small>(aq)</small>
        </td>
        <td>-</td>
    </tr>
</table>
</body>
</html>

```

## Output:

Membuat Tabel

Objek mempunyai beberapa SIFAT FISIK, diantaranya yang terdapat dalam tabel berikut

Sifat Fisika	Objeknya
Massa jenis relatif	1,5094
Titik leleh	5
Kapasitas elektron	$2,7 \times 10^{-19}$
Jarak antar atom	0,074
Isotop $^{12}\text{C}$ (smp)	8,10
Ketahanan pelarut	0,5
Energi ionisasi (kJ/mol)	1718
Energi ikatan H (kJ/mol)	2366
Kapasitas (g/cm <sup>3</sup> )	1,27 (padatan)
Titik dididh (°C)	1083
Konduktivitas listrik (S/m)	219
Potensial reduksi (V)	-0,401
$\Delta G^{\circ}(\text{kJ/mol})$ (aq → 28°C)	7

## Latihan 4:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Latihan-4</title>
    <style>
      span {
        color: red;
      }
    </style>
  </head>
  <body>
    <h1>The 10 Most Popular Programming Languages to Learn in
2022</h1>
    <p style="text-align: justify">
      There's no question that software programming is a hot career
right now.
      The
      <span>U.S. Bureau of Labor Statistics</span> projects 21
percent growth
      for programming jobs from 2018 to 2028, which is more than
four times the
      average for all occupations. What's more, the median annual
pay for a
      software programmer is about $106,000, which nearly three
times the median
      pay for all U.S. workers.
    </p>
```

```
<p style="text-align: justify">
    Not all programming jobs are the same, however. Different
roles,
    companies, and types of software require knowing and
understanding
    different programming languages—and it's often beneficial to
know multiple
    languages. Trying to break into the field of software
programming can be a
    daunting experience, especially for professionals with no
prior
    programming experience.
</p>
<p style="text-align: left">
    The
    <u style="color: blue"
    >Master of Science in Computer Science Align program</u>
    >
    at Northeastern University is specifically designed for
students who want
    to transition into computer science from another field of
study.
</p>
<p style="text-align: center">
    <q
    >Our aim is to transport students from a variety of
different
    backgrounds and have them come out as software engineers,</q>
    >
    says Ian Gorton, PhD and director of the graduate computer
science
    programs at Northeastern University–Seattle.
    <q
    >We focus on math, programming, and a variety of computer
science and
    engineering concepts.</q>
    >
</p>
<p style="text-align: right">
    Whether you're new to programming or looking to brush up on
your skills,
    it helps to know which languages are in high demand. Here are
10 of the
    most popular programming languages of 2020 based on the number
of job
    postings listed on job search site Indeed, the average annual
salary for
```



those jobs, and factors such as ease of use and potential for growth.

```
</p>
<ol>
  <li>
    Python <br />
    <span>Average annual salary:</span><b>$120.000</b>
  </li>
  <li>
    JavaScript <br />
    <span>Average annual salary:</span><b>$180.000</b>
  </li>
  <li>
    Java <br />
    <span>Average annual salary:</span><b>$104.000</b>
  </li>
  <li>
    C# <br />
    <span>Average annual salary:</span><b>$97.000</b>
  </li>
  <li>
    C <br />
    <span>Average annual salary:</span><b>$97.000</b>
  </li>
  <li>
    C++ <br />
    <span>Average annual salary:</span><b>$97.000</b>
  </li>
  <li>
    G0 <br />
    <span>Average annual salary:</span><b>$93.000</b>
  </li>
  <li>
    R <br />
    <span>Average annual salary:</span><b>$93.000</b>
  </li>
  <li>
    Swift <br />
    <span>Average annual salary:</span><b>$93.000</b>
  </li>
  <li>
    PHP <br />
    <span>Average annual salary:</span><b>$81.000</b>
  </li>
</ol>
<ul>
  <li>
```

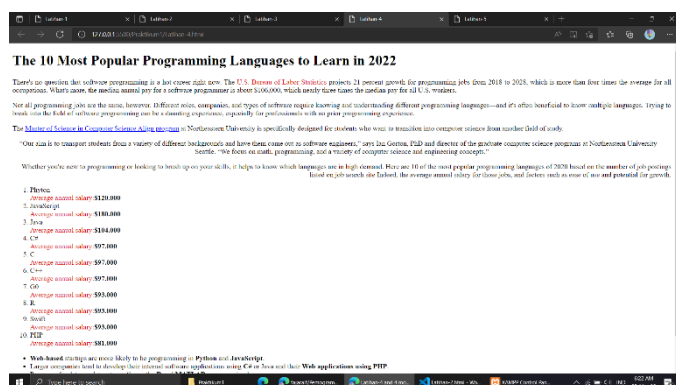
```

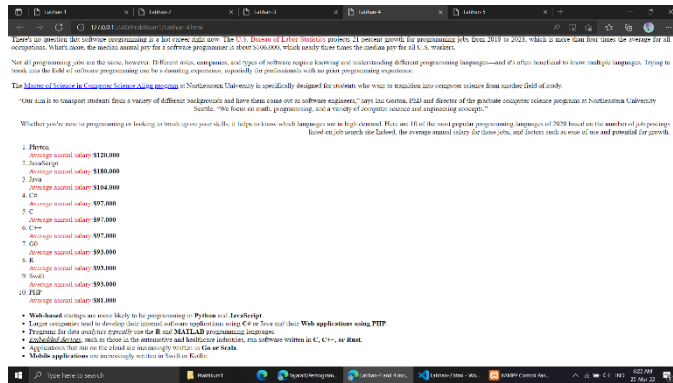
    <b>Web-based</b> startups are more likely to be programming
in

    <b>Python</b> and <b>JavaScript</b>.
</li>
<li>
    Larger companies tend to develop their internal software
applications
    using <b>C#</b> or Java and their <b>Web applications using
PHP</b>.
</li>
<li>
    Programs for data <i>analytics typically</i> use the
<b>R</b> and
    <b>MATLAB</b>
    programming languages.
</li>
<li>
    <u><i>Embedded devices</i></u>
    >, such as those in the automotive and healthcare
industries, run
    software written in <b>C, C++, or Rust.</b>
</li>
<li>
    Applications that run on the cloud are increasingly written
in
    <b>Go or Scala</b>.
</li>
<li><b>Mobile applications</b> are increasingly written in
Swift or Kotlin.</li>
</ul>
</body>
</html>

```

Output:





## Latihan 5:

Source Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Latihan-5</title>
  </head>
  <body>
    <h1>Programming Language Base on career</h1>
    
    <h1>Top 10 Programming Language in 2022</h1>
    <iframe
      src="./Latihan-4.html"
      frameborder="0"
      width="100%"
      height="100%"
    ></iframe>
    <h1>List of programming languages from Wikipedia</h1>
    <iframe
      src="https://simple.wikipedia.org/wiki/List_of_programming_languages#:~:text=0.%20Objective-C%3B%20OCaml%3B%20P.%20Pascal%3B%20Perl%3B%20PHP%3B%20Pony%3B,T.%20Tcl%3B%20V.%20Visual%20Basic%3B%20Visual%20Basic%20.NET"
      frameborder="0"
    ></iframe>
  </body>
</html>
```

```
width="100%"
height="100%"
></iframe>
</body>
</html>
```

Output:



Link Github:

[fajaralf/Pemograman-Web-20231072 \(github.com\)](https://github.com/fajaralf/Pemograman-Web-20231072)