

HandsOn III

HTML

A. Tujuan Praktikum

Setelah melakukan materi praktikum ini, mahasiswa mampu:

1. Membuat halaman website menggunakan HTML.
2. Identifikasi design tag HTML.

B. Praktikum

1. Buatlah file dengan nama "handson.html" isi file tersebut dengan syntax berikut dan jalankan file tersebut di browser.

```
<section>
  <h1>WWF</h1>
  <p>The World Wide Fund for Nature (WWF) is an international organization working
on issues regarding the conservation, research and restoration of the environment,
formerly named the World Wildlife Fund. WWF was founded in 1961.</p>
</section>

<section>
  <h1>WWF's Panda symbol</h1>
  <p>The Panda has become the symbol of WWF. The well-known panda logo of WWF
originated from a panda named Chi Chi that was transferred from the Beijing Zoo to
the London Zoo in the same year of the establishment of WWF.</p>
</section>
```

2. Tambahkan syntax untuk <article>berikut dan jalankan di browser.

```
<article>
  <h1>Internet Explorer 9</h1>
  <p>Windows Internet Explorer 9 (abbreviated as IE9) was released to
the public on March 14, 2011 at 21:00 PDT.....</p>
</article>
```

3. Tambahkan syntax untuk <nav> berikut dan jalankan di browser.

```
<nav>
<a href="/html/">HTML</a> |
<a href="/css/">CSS</a> |
<a href="/js/">JavaScript</a> |
<a href="/jquery/">jQuery</a>
</nav>
```

4. Tambahkan syntax untuk <aside> berikut dan jalankan di browser.

```
<p>My family and I visited The Epcot center this summer.</p>

<aside>
<h4>Epcot Center</h4>
<p>The Epcot Center is a theme park in Disney World, Florida.</p>
</aside>
```

5. Tambahkan syntax <header> berikut dan jalankan di browser.

```

<article>
  <header>
    <h1>Internet Explorer 9</h1>
    <p><time pubdate datetime="2011-03-15"></time></p>
  </header>
  <p>Windows Internet Explorer 9 (abbreviated as IE9) was released to the public on March 14, 2011 at 21:00 PDT.....</p>
</article>

```

6. Tambahkan syntax <footer> berikut dan jalankan dan jalankan di browser.

```

<footer>
  <p>Posted by: Hege Refsnes</p>
  <p><time pubdate datetime="2012-03-01"></time></p>
</footer>

```

7. Tambahkan syntax <figure> dan <figcaption> berikut dan jalankan dan jalankan di browser.

```

<p>The Pulpit Rock is a massive cliff 604 metres (1982 feet) above Lysefjorden, opposite the Kjerag plateau, in Forsand, Ryfylke, Norway. The top of the cliff is approximately 25 by 25 metres (82 by 82 feet) square and almost flat, and is a famous tourist attraction in Norway.</p>

<figure>
  
  <figcaption>Fig.1 - The Pulpit Rock, Norway.</figcaption>
</figure>

```

8. Tambahkan syntax <datalist> berikut dan jalankan dan jalankan di browser.

```

<form action="#" method="get">

  <input list="browsers" name="browser">
  <datalist id="browsers">
    <option value="Internet Explorer">
    <option value="Firefox">
    <option value="Chrome">
    <option value="Opera">
    <option value="Safari">
  </datalist>
  <input type="submit">
</form>

```

9. Tambahkan syntax <output> berikut dan jalankan dan jalankan di browser.

```

<form oninput="x.value=parseInt(a.value)+parseInt(b.value)">0
  <input type="range" id="a" value="50">100 +
  <input type="number" id="b" value="50">=
  <output name="x" for="a b"></output>

```

10. Tambahkan syntax <canvas> berikut dan jalankan dan jalankan di browser.

```
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #000000;">
Your browser does not support the HTML5 canvas tag.
</canvas>
```

```
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #c3c3c3;">
Your browser does not support the HTML5 canvas tag.
</canvas>

<script>

var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.fillStyle = "#FF0000";
ctx.fillRect(0,0,150,75);

</script>
```

11. Tambahkan syntax <svg> berikut dan jalankan dan jalankan di browser.

```
<svg width="300" height="200">
  <polygon points="100,10 40,198 190,78 10,78 160,198"
    style="fill:lime;stroke:purple;stroke-width:5;fill-rule:evenodd;" />
  Sorry, your browser does not support inline SVG.
</svg>
```

C. Diskusi Kelompok

Tujuan dari diskusi kelompok ini adalah untuk melatih **KOMUNIKASI** antar personal dan brainstorming masing-masing anggota kelompok serta memperkaya perbendaharaan TAG yang digunakan.

1. Pilih salah satu halaman website secara **musyawarah**.
2. Buatlah struktur layout html dari halaman website yang dipilih tersebut seperti gambar berikut. Gunakan tools kolaborasi (figma/flipchart/miro/dll) secara online untuk menggambarkan struktur layout html tersebut.



Contoh Struktur Layout HTML

3. Sampaikan hasil analisis struktur layout pada diskusi sore.