

**LAPORAN PRAKTIKUM
PENGENALAN PERANCANGAN WEB
S1-SISTEM INFORMASI**

**“ LAPORAN PRAKTIKUM PERTEMUAN 10 MATERI
PENGENALAN FRAMEWORK BOOTSTRAP ”**



Disusun Oleh :

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**S1 – SISTEM INFORMASI
FAKULTAS ILMU KOMPUTER
UNIVERSITAS AMIKOM YOGYAKARTA**

2024

<<PERTEMUAN 10>>

<<*Pengenalan Framework Bootstrap*>>

A. Tujuan

Setelah praktikum ini, praktikan diharapkan dapat :

1. Menjelaskan pembahasan konsep framework Bootstrap
2. Memahami responsive design
3. Memahami grid system
4. Memahami langkah-langkah mendesain web dengan bootstrap

B. Peralatan

1. PC Desktop/Laptop
2. Sistem Operasi Windows
3. VS Code : <https://code.visualstudio.com/>
4. Web Browser

C. Hasil dan Pembahasan

1. Screenshot Script praktikum index.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Kabar Treasure</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhJY6hW+ALEwIH"
    crossorigin="anonymous">
  </head>
  <body>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz"
    crossorigin="anonymous"></script>
    <header data-bs-theme="dark">
      <nav class="navbar navbar-expand-lg bg-body-tertiary">
        <div class="container-fluid">
          <a class="navbar-brand" href="#">Navbar</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
            data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
            aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="#">Home</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="#">Politik</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="#">Olahraga</a></li>
              <li class="nav-item">
                <a class="nav-link" href="#">Kesehatan</a></li>
              <li class="nav-item">
                <a class="nav-link" href="#">Contact US</a></li>

              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button"
                  data-bs-toggle="dropdown" aria-expanded="false">
                  Dropdown
                </a>
                <ul class="dropdown-menu">
                  <li><a class="dropdown-item" href="#">Politik</a></li>
                  <li><a class="dropdown-item" href="#">Olahraga</a></li>
                  <li><a class="dropdown-item" href="#">Music</a></li>
                  <li><a class="dropdown-item" href="#">Something else here</a></li>
                </ul>
              </li>
              <li class="nav-item">
                <a class="nav-link disabled" aria-disabled="true">Disabled</a>
              </li>
            </ul>
            <form class="d-flex" role="search">
              <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
              <button class="btn btn-outline-success" type="submit">Search</button>
            </form>
          </div>
        </div>
      </nav></header>
```

Next coding....

```


<div class="carousel-inner">
    <div class="carousel-item active">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Judul Headline Berita 1</h5>
        <p>Some representative placeholder content for the second slide.</p>
        <button type="button" class="btn btn-primary">Baca Berita</button>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Judul Headline Berita 2</h5>
        <p>Some representative placeholder content for the second slide.</p>
        <button type="button" class="btn btn-primary">Baca Berita</button>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Judul Headline Berita 3</h5>
        <p>Some representative placeholder content for the second slide.</p>
        <button type="button" class="btn btn-primary">Baca Berita</button>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Judul Headline Berita 4</h5>
        <p>Some representative placeholder content for the second slide.</p>
        <button type="button" class="btn btn-primary">Baca Berita</button>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Judul Headline Berita 5</h5>
        <p>Some representative placeholder content for the second slide.</p>
        <button type="button" class="btn btn-primary">Baca Berita</button>
      </div>
    </div>
  </div>
  <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleAutoplaying" data-bs-slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Previous</span>
  </button>
  <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleAutoplaying" data-bs-slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Next</span>
  </button>
</div>


```

Next coding...

```

<div class="albu py-5 bg-body-tertiary">
  <div class="container">
    <h2>Politik</h2>
    <div class="row row-cols-1 row-cols-sm-2 row-cols-md-4
g-4">
      <div class="col">
        <div class="card shadow-sm">
          
          <div class="card-body">
            <h4><a href="#" ">Judul Berita Politik 1</a></h4>
            <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
              This content is a little bit longer.
            </p>
            <div class="d-flex justify-content-end align-items-center">
              <button type="button" class="btn bt-info">Selengkapnya</button>
            </div>
          </div>
        </div>
      </div>
      <div class="col">
        <div class="card shadow-sm">
          
          <div class="card-body">
            <h4><a href="#" ">Judul Berita Politik 2</a></h4>
            <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
              This content is a little bit longer.
            </p>
            <div class="d-flex justify-content-end align-items-center">
              <button type="button" class="btn bt-info">Selengkapnya</button>
            </div>
          </div>
        </div>
      </div>
      <div class="col">
        <div class="card shadow-sm">
          
          <div class="card-body">
            <h4><a href="#" ">Judul Berita Politik 3</a></h4>
            <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
              This content is a little bit longer.
            </p>
            <div class="d-flex justify-content-end align-items-center">
              <button type="button" class="btn bt-info">Selengkapnya</button>
            </div>
          </div>
        </div>
      </div>
      <div class="col">
        <div class="card shadow-sm">
          
          <div class="card-body">
            <h4><a href="#" ">Judul Berita Politik 4</a></h4>
            <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
              This content is a little bit longer.
            </p>
            <div class="d-flex justify-content-end align-items-center">
              <button type="button" class="btn bt-info">Selengkapnya</button>
            </div>
          </div>
        </div>
      </div>
      <div class="col">
        <div class="card shadow-sm">
          
          <div class="card-body">
            <h4><a href="#" ">Judul Berita Politik 5</a></h4>
            <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
              This content is a little bit longer.
            </p>
            <div class="d-flex justify-content-end align-items-center">
              <button type="button" class="btn bt-info">Selengkapnya</button>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
  <br><br>

```

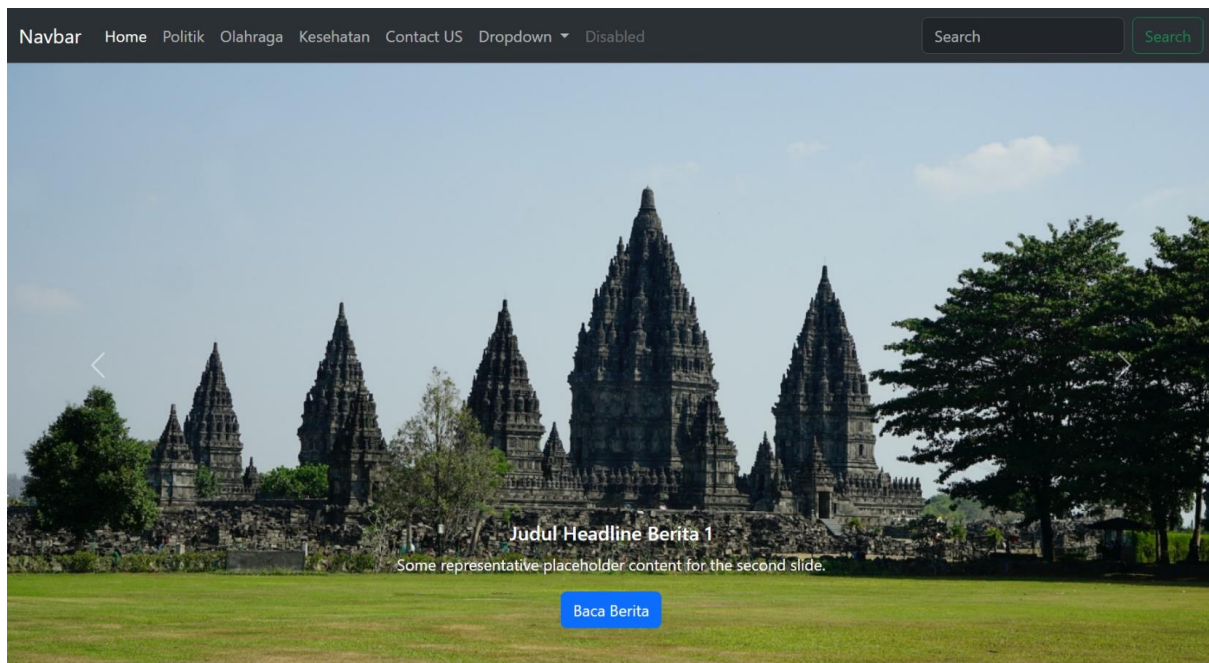
Next coding...

```
<h2>Olahraga</h2>
<div class="row row-cols-1 row-cols-sm-2 row-cols-md-4
g-4">
  <div class="col">
    <div class="card shadow-sm">
      
      <div class="card-body">
        <h4><a href="#" ">Judul Berita Olahraga 1</a></h4>
        <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
          This content is a little bit longer.
        </p>
        <div class="d-flex justify-content-end align-items-center">
          <button type="button" class="btn bt-info">Selengkapnya</button>
        </div>
      </div>
    </div>
  </div>
</div>
<div class="col">
  <div class="card shadow-sm">
    
    <div class="card-body">
      <h4><a href="#" ">Judul Berita Olahraga 2</a></h4>
      <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
        This content is a little bit longer.
      </p>
      <div class="d-flex justify-content-end align-items-center">
        <button type="button" class="btn bt-info">Selengkapnya</button>
      </div>
    </div>
  </div>
</div>
<div class="col">
  <div class="card shadow-sm">
    
    <div class="card-body">
      <h4><a href="#" ">Judul Berita Olahraga 3</a></h4>
      <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
        This content is a little bit longer.
      </p>
      <div class="d-flex justify-content-end align-items-center">
        <button type="button" class="btn bt-info">Selengkapnya</button>
      </div>
    </div>
  </div>
</div>
<div class="col">
  <div class="card shadow-sm">
    
    <div class="card-body">
      <h4><a href="#" ">Judul Berita Olahraga 4</a></h4>
      <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
        This content is a little bit longer.
      </p>
      <div class="d-flex justify-content-end align-items-center">
        <button type="button" class="btn bt-info">Selengkapnya</button>
      </div>
    </div>
  </div>
</div>
<div class="col">
  <div class="card shadow-sm">
    
    <div class="card-body">
      <h4><a href="#" ">Judul Berita Olahraga 5</a></h4>
      <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content.
        This content is a little bit longer.
      </p>
      <div class="d-flex justify-content-end align-items-center">
        <button type="button" class="btn bt-info">Selengkapnya</button>
      </div>
    </div>
  </div>
</div>
</div>
</div>
```

Next coding...

```
<footer class="container">
  <p class="float-end"><a href="#">Back to top</a></p>
  <p>&copy; 2017-2023 Company, Inc. &middot; <a href="#">Privacy</a>&middot; <a href="#">Terms</a></p>
</footer>
<!--Angelina Putri Ariani-->
<!--23.12.2907-->
</body>
</html>
```


2. Screenshot Hasil Output index.html



Politik



[Judul Berita Politik 1](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Politik 2](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Politik 3](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Politik 4](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Politik 5](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya

Olahraga



[Judul Berita Olahraga 1](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Olahraga 2](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Olahraga 3](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Olahraga 4](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya



[Judul Berita Olahraga 5](#)

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Selengkapnya

3. Penjelasan singkat terkait garis besar kode yang dibuat

Pada code index.html terdapat class navigasi yang digunakan untuk navigasi bar pada tampilan web dengan classnya container-fluid yang menyediakan wadah lebar penuh, yang mencakup seluruh lebar viewport. Selanjutnya ada nav-item dropdown, class ini memiliki fungsi untuk membuat navigasi bar menjadi dropdown.

Pada bagian bawah navigasi bar terdapat carausel/slide yang menampilkan gambar bergilir dengan text dan button. Carausel ini memiliki ukuran md atau medium dengan 720px. Code selanjutnya membuat card yang berisikan berita. Tampilan card ini diatur agar menyesuaikan device. Misalnya pada laptop maka card akan berisi 4 dalam satu kolom.

Untuk bagian bawah terdapat footer dengan class container yang akan menyediakan wadah dengan lebar tetap yang responsif.

D. Daftar Pustaka

Irma Rofni Wulandari, S.Pd., M.Eng, Aditya Rizki Yudiantika, S.T., M.Eng, Moch Farid Fauzi, M.Kom, Deni Kurnianto Nugroho, S.Pd., M.Eng. 2024. *Modul Praktikum Pengenalan Perancangan Web*. Yogyakarta: Universitas Amikom Yogyakarta.

Getbootstrap. Build fast, responsive sites with Bootstrap. [Online]. Available : Build fast, responsive sites with Bootstrap (getbootstrap.com). [Accessed June, 07, 2024]