

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

**“ LAPORAN PRAKTIKUM PERTEMUAN 10 - 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 pemahaman 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. Bootstrap 5.3
5. Web Browser

C. Hasil dan Pembahasan

1. Screenshot Script praktikum index.html

Menghubungkan Script program ke bootstrap

```
1 <!doctype html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6     <title>Kabar Jogja</title>
7     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"
8       integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH" crossorigin="anonymous">
9   </head>
10  <body>
11    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
12      integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>
13  </body>
14 </html>
```

Script navbar

```
15 <header>
16   <body>
17     <nav data-bs-theme="dark" class="navbar navbar-expand-lg bg-body-tertiary">
18       <div class="container-fluid">
19         <a class="navbar-brand" href="#">Navbar</a>
20         <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
21           aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
22           <span class="navbar-toggler-icon"></span>
23         </button>
24         <div class="collapse navbar-collapse" id="navbarSupportedContent">
25           <ul class="navbar-nav me-auto mb-2 mb-lg-0">
26             <li class="nav-item">
27               <a class="nav-link active" aria-current="page" href="#">Home</a>
28             </li>
29             <li class="nav-item">
30               <a class="nav-link" href="#">Link</a>
31             </li>
32             <li class="nav-item dropdown">
33               <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
34                 Dropdown
35               </a>
36               <ul class="dropdown-menu">
37                 <li><a class="dropdown-item" href="#">Action</a></li>
38                 <li><a class="dropdown-item" href="#">Another action</a></li>
39                 <li><hr class="dropdown-divider"></li>
40                 <li><a class="dropdown-item" href="#">Something else here</a></li>
41               </ul>
42             </li>
43             <li class="nav-item">
44               <a class="nav-link disabled" aria-disabled="true">Disabled</a>
45             </li>
46           </ul>
47           <form class="d-flex" role="search">
48             <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
49             <button class="btn btn-outline-success" type="submit">Search</button>
50           </form>
51         </div>
52       </div>
53     </nav>
```

Script carousel

```
54 <div id="carouselExampleDark" class="carousel carousel-light slide" data-bs-ride="carousel">
55   <div class="carousel-indicators">
56     <button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="0" class="active" aria-current="true"
57       aria-label="Slide 1"></button>
58     <button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="1" aria-label="Slide 2"></button>
59     <button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="2" aria-label="Slide 3"></button>
60   </div>
61   <div class="carousel-inner">
62     <div class="carousel-item active" data-bs-interval="10000">
63       
64       <div class="carousel-caption d-none d-md-block text-start">
65         <h1>Candi Prambanan</h1>
66         <p>Salahsatu candi besejarah di wilayah Daerah Istimewa Yogyakarta</p>
67         <a href="#" class="btn btn-primary">Baca Berita</a>
68       </div>
69     </div>
70     <div class="carousel-item" data-bs-interval="2000">
```

```

70         <div class="carousel-item" data-bs-interval="2000">
71             
72             <div class="carousel-caption d-none d-md-block text-start">
73                 <h1>Malioboro</h1>
74                 <p>Salah satu tempat wisata yang wajib dikunjungi di Yogyakarta</p>
75                 <a href="#" class="btn btn-primary">Baca Berita</a>
76             </div>
77         </div>
78         <div class="carousel-item">
79             
80             <div class="carousel-caption d-none d-md-block text-start">
81                 <h1>Pantai Ngobaran</h1>
82                 <p>Pantai menawan nan mempesona di Wilayah Gunung Kidul</p>
83                 <a href="https://example.com/pages" class="btn btn-primary">Go to Page 3</a>
84             </div>
85         </div>
86     </div>
87     <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleDark" data-bs-slide="prev">
88         <span class="carousel-control-prev-icon" aria-hidden="true"></span>
89         <span class="visually-hidden">Previous</span>
90     </button>
91     <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleDark" data-bs-slide="next">
92         <span class="carousel-control-next-icon" aria-hidden="true"></span>
93         <span class="visually-hidden">Next</span>
94     </button>
95 </div>

```

Script kolom berita

```

96 <div class="album py-5 bg-body-tertiary">
97     <div class="container">
98         <h2>Politik</h2>
99         <div class="row row-cols-1 row-cols-sm-2 row-cols-md-4 g-4">
100             <div class="col">
101                 <div class="card shadow-sm">
102                     
103                     <div class="card-body">
104                         <h4><a href="#">Judul Berita Politik 1</a></h4>
105                         <p class="card-text">This is a wider card with supporting text below as a natural
106                             lead-in to additional content. This content is a little bit longer.</p>
107                         <div class="d-flex justify-content-end align-items-center">
108                             <button type="button" class="btn btn-info">Selengkapnya</button>
109                         </div>
110                     </div>
111                 </div>
112             </div>
113             <div class="col">
114                 <div class="card shadow-sm">
115                     
116                     <div class="card-body">
117                         <h4><a href="#">Judul Berita Politik 2</a></h4>
118                         <p class="card-text">This is a wider card with supporting text below as a natural
119                             lead-in to additional content. This content is a little bit longer.</p>
120                         <div class="d-flex justify-content-end align-items-center">
121                             <button type="button" class="btn btn-info">Selengkapnya</button>
122                         </div>
123                     </div>
124                 </div>
125             </div>
126         </div>
127     </div>

```

```

124 </div>
125 </div>
126 <div class="col">
127     <div class="card shadow-sm">
128         
129         <div class="card-body">
130             <h4><a href="#">Judul Berita Politik 3</a></h4>
131             <p class="card-text">This is a wider card with supporting text below as a natural
132                 lead-in to additional content. This content is a little bit longer.</p>
133             <div class="d-flex justify-content-end align-items-center">
134                 <button type="button" class="btn btn-info">Selengkapnya</button>
135             </div>
136         </div>
137     </div>
138 </div>
139 <div class="col">
140     <div class="card shadow-sm">
141         
142         <div class="card-body">
143             <h4><a href="#">Judul Berita Politik 4</a></h4>
144             <p class="card-text">This is a wider card with supporting text below as a natural
145                 lead-in to additional content. This content is a little bit longer.</p>
146             <div class="d-flex justify-content-end align-items-center">
147                 <button type="button" class="btn btn-info">Selengkapnya</button>
148             </div>
149         </div>
150     </div>

```

```

151 | | </div>
152 | </div>
153 | <br><br>
154 | <div class="album py-5 bg-body-tertiary">
155 | | <div class="container">
156 | | | <h2>Olahraga</h2>
157 | | | <div class="row row-cols-1 row-cols-sm-2 row-cols-md-4 g-4">
158 | | | | <div class="col">
159 | | | | | <div class="card shadow-sm">
160 | | | | | | 
161 | | | | | | <div class="card-body">
162 | | | | | | | <h4><a href="#">Judul Berita Olahraga 1</a></h4>
163 | | | | | | | <p class="card-text">This is a wider card with supporting text below as a natural
164 | | | | | | | | lead-in to additional content. This content is a little bit longer.</p>
165 | | | | | | | <div class="d-flex justify-content-end align-items-center">
166 | | | | | | | | <button type="button" class="btn btn-info">Selengkapnya</button>
167 | | | | | | | </div>
168 | | | | | </div>
169 | | | | </div>
170 | | | </div>
171 | | | <div class="col">
172 | | | | <div class="card shadow-sm">
173 | | | | | 
174 | | | | | <div class="card-body">
175 | | | | | | <h4><a href="#">Judul Berita Olahraga 2</a></h4>
176 | | | | | | <p class="card-text">This is a wider card with supporting text below as a natural
177 | | | | | | | lead-in to additional content. This content is a little bit longer.</p>

```

```

178 | | | | | <div class="d-flex justify-content-end align-items-center">
179 | | | | | | <button type="button" class="btn btn-info">Selengkapnya</button>
180 | | | | | </div>
181 | | | | </div>
182 | | | </div>
183 | | </div>
184 | | <div class="col">
185 | | | <div class="card shadow-sm">
186 | | | | 
187 | | | | <div class="card-body">
188 | | | | | <h4><a href="#">Judul Berita Olahraga 3</a></h4>
189 | | | | | <p class="card-text">This is a wider card with supporting text below as a natural
190 | | | | | | lead-in to additional content. This content is a little bit longer.</p>
191 | | | | | <div class="d-flex justify-content-end align-items-center">
192 | | | | | | <button type="button" class="btn btn-info">Selengkapnya</button>
193 | | | | | </div>
194 | | | | </div>
195 | | | </div>
196 | | </div>
197 | | <div class="col">
198 | | | <div class="card shadow-sm">
199 | | | | 
200 | | | | <div class="card-body">
201 | | | | | <h4><a href="#">Judul Berita Olahraga 4</a></h4>
202 | | | | | <p class="card-text">This is a wider card with supporting text below as a natural
203 | | | | | | lead-in to additional content. This content is a little bit longer.</p>

```

```

204 | | | | | <div class="d-flex justify-content-end align-items-center">
205 | | | | | | <button type="button" class="btn btn-info">Selengkapnya</button>
206 | | | | | </div>
207 | | | | </div>
208 | | | </div>
209 | | </div>
210 | </div>
211 | <br><br>

```

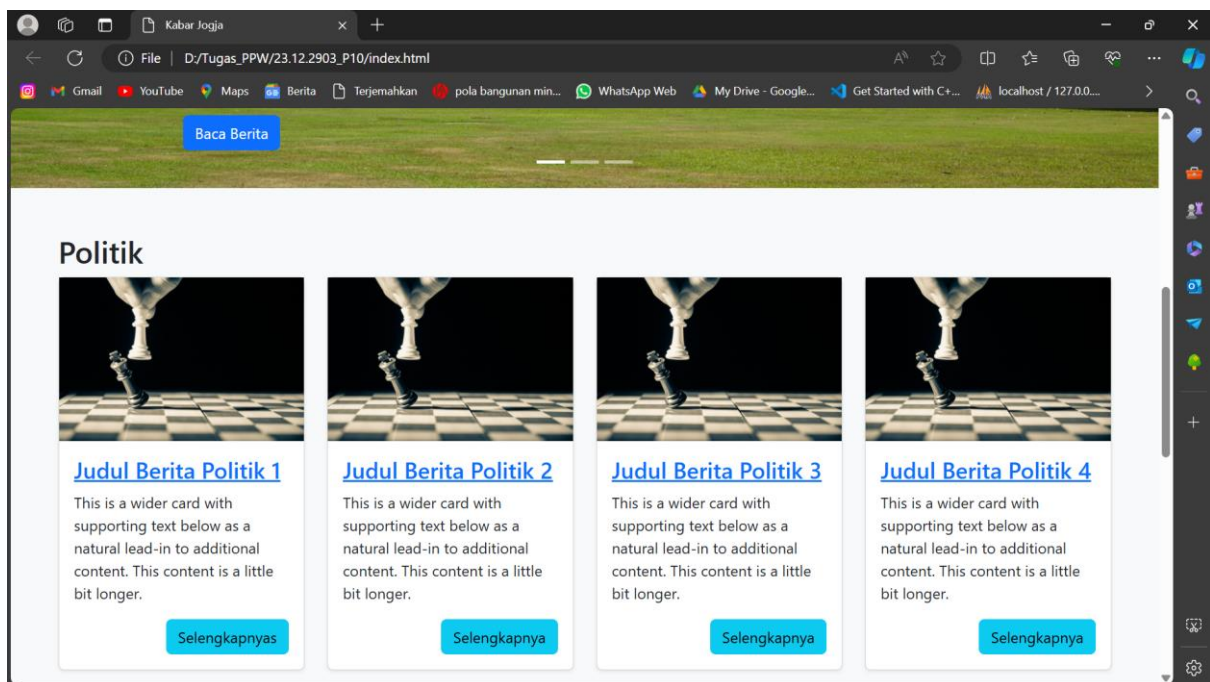
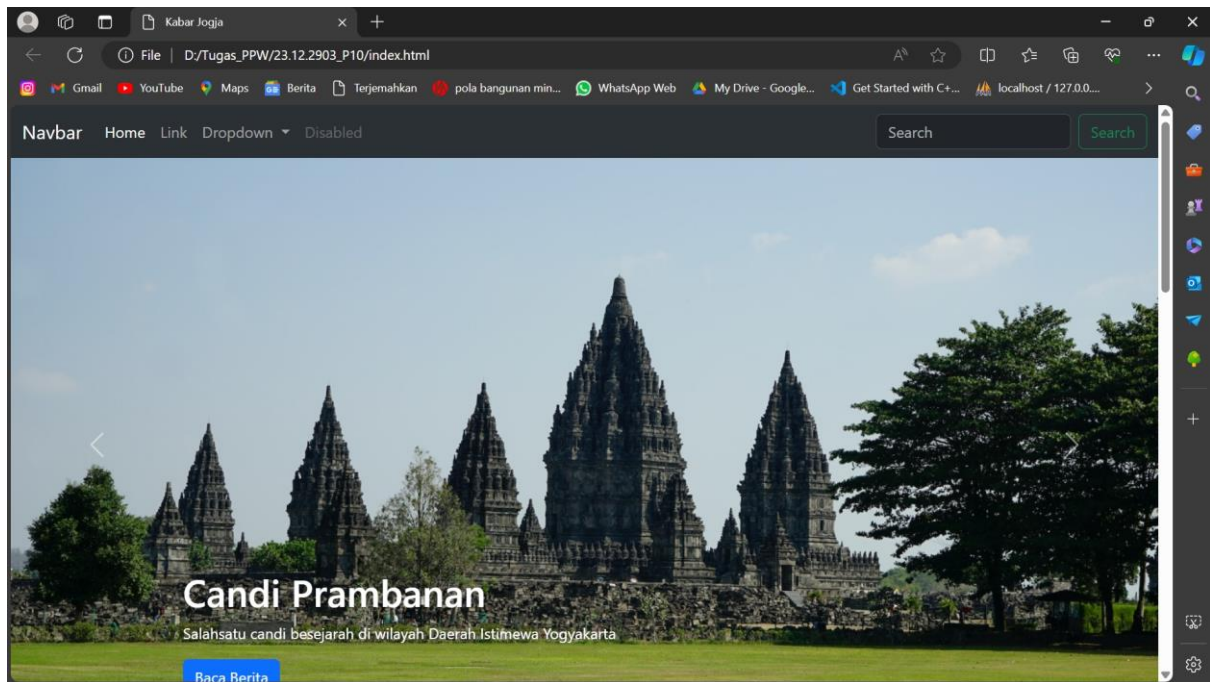
Script footer

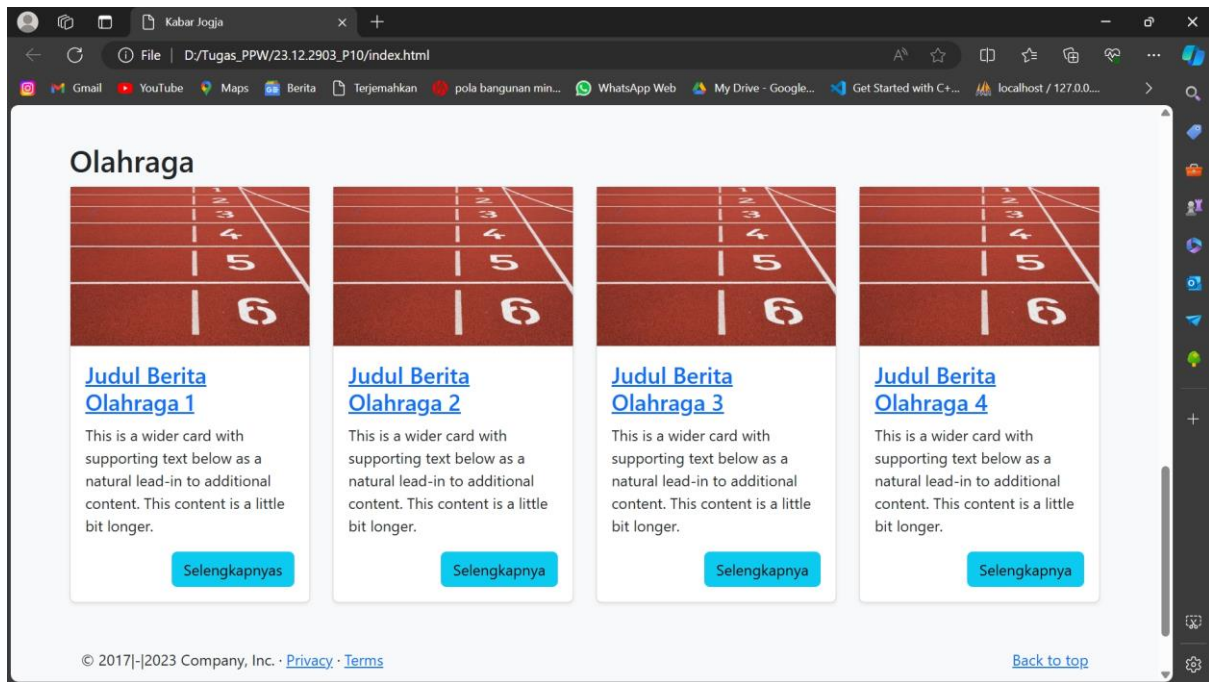
```

212 | <!-- FOOTER -->
213 | <footer class="container">
214 | | <p class="float-end"><a href="#">Back to top</a></p>
215 | | <p>&copy; 2017|-|2023 Company, Inc. &middot; <a href="#">Privacy</a> &middot;
216 | | <a href="#">Terms</a></p>
217 | </footer>
218 | </main>
219 | </body>
220 | </header>

```

2. Screenshot Hasil Output index.html





3. Penjelasan singkat terkait garis besar kode yang dibuat

Pada kode diatas saya menggunakan bootstrap sebagai framework, untuk cara penggunaannya saya mengcopy kode bootstrap dari website bootstrap lalu saya sesuaikan dengan kebutuhan website. Seperti pada navbar saya menambahkan `data-bs-theme="dark"` untuk memberi warna background hitam pada navbar, pada crausel saya menambahkan `data-bs-ride="carousel"` agar gambar dapat bergeser secara otomatis, `class="carousel carousel-light slide"` agar warna tulisan berwarna putih, `Baca Berita` untuk memberikan buton pada carousel yang dapat terhubung dengan halaman lain, pada kolom berita saya menambahkan gambar dengan menuliskan ``, saya mengelompokkan berita berdasarkan topik seperti olahraga dan politik dengan menuliskan `<div class="album py-5 bg-body-tertiary">` serta saya juga melengkapinya dengan menuliskan topik seperti politik dan olahraga dengan menggunakan `<h2>Olahraga</h2>`, dan saya juga menambahkan judul yang dapat terhubung dengan halaman lain `<h4>Judul Berita Politik 2</h4>`

D. Daftar Pustaka

team, b. (2024, Februari 20). *getbootstrap*. Diambil kembali dari getbootstrap: <https://getbootstrap.com/>

Wulandari, Irma Rofni, et al. Modul Praktikum Pengenalan Perancangan Web.Sleman, Program Studi S1 Sistem Informasi, 2024.

