

MATA KULIAH

PEMROGRAMAN FRAMEWORK

Laporan Praktikum Modul 1



oleh:

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PROGRAM STUDI SISTEM INFORMASI
FAKULTAS TEKNOLOGI INFORMASI DAN INDUSTRI
INSTITUT TEKNOLOGI TELKOM SURABAYA
2023

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Kode Program Bootstrap Clone

```

<!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>Bootstrap Clone</title>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha2/dist/css/bootstrap.min.css"
/>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.6.0/font/bootstrap-icons.css" />
    <link rel="stylesheet" href="assets/css/style.css" />
  </head>
  <body>

    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha2/dist/js/bootstrap.bundle.min.
js"></script>

    <!-- Navbar -->
    <nav class="navbar fixed-top navbar-expand-lg bg-purple" data-bs-theme="dark">
      <!-- Container -->
      <div class="container py-2 px-4">
        <!-- Navbar Brand -->
        <a href="#" class="navbar-brand mb-0 h1">
          
        </a>

        <!-- Navbar Toggler -->
        <button type="button" class="navbar-toggler" data-bs-toggle="offcanvas"
data-bs-target="#offcanvasNavbar">
          <span class="navbar-toggler-icon"></span>
        </button>

        <!-- Offcanvas -->
        <div class="offcanvas offcanvas-end bg-purple" id="offcanvasNavbar">
          <!-- Offcanvas Header -->
          <div class="offcanvas-header pb-0 px-4">
            <h5 class="offcanvas-title text-white"
id="offcanvasNavbarLabel">Bootstrap</h5>
            <button type="button" class="btn-close" data-bs-dismiss="offcanvas"
aria-label="Close"></button>
          </div>

```



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```
<!-- Offcanvas Body -->
<div class="offcanvas-body pt-0 px-4">
  <hr class="d-md-none text-white-50" />
  <!-- Horizontal Line -->

  <!-- Top Menu -->
  <ul class="navbar-nav flex-row flex-wrap">
    <li class="nav-item col-6 col-md-auto"><a href="#" class="nav-link
active">Docs</a></li>
    <li class="nav-item col-6 col-md-auto"><a href="#"
class="nav-link">Examples</a></li>
    <li class="nav-item col-6 col-md-auto"><a href="#"
class="nav-link">Icons</a></li>
    <li class="nav-item col-6 col-md-auto"><a href="#"
class="nav-link">Themes</a></li>
    <li class="nav-item col-6 col-md-auto"><a href="#"
class="nav-link">Blog</a></li>
  </ul>

  <hr class="d-md-none text-white-50" />
  <!-- Horizontal Line -->

  <!-- Social Media -->
  <ul class="navbar-nav flex-row flex-wrap ms-md-auto">
    <li class="nav-item col-6 col-md-auto">
      <a href="#" class="nav-link active"
        ><i class="bi-github"><small class="ms-2
d-md-none">Github</small></i></a>
    </li>
    <li class="nav-item col-6 col-md-auto">
      <a href="#" class="nav-link active"
        ><i class="bi-twitter"><small class="ms-2
d-md-none">Twitter</small></i></a>
    </li>
    <li class="nav-item col-6 col-md-auto">
      <a href="#" class="nav-link active"
        ><i class="bi-slack"><small class="ms-2
d-md-none">Slack</small></i></a>
    </li>
    <li class="nav-item col-12 col-lg-auto">
```

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<div class="vr d-none d-lg-flex h-100 mx-lg-2 text-white"></div>
<hr class="d-md-none my-2 text-white-50" />
</li>
<li class="class-item">
  <!-- Dropdown -->
  <div class="dropdown" data-bs-theme="light">
    <button type="button" class="btn nav-link text-white
dropdown-toggle" data-bs-toggle="dropdown" aria-expanded="false"><span
class="d-lg-none">Bootstrap</span> v5.3</button>
    <ul class="dropdown-menu dropdown-menu-end">
      <li><h6 class="dropdown-header">v5 releases</h6></li>
      <li>
        <button class="dropdown-item active bg-purple" type="button">
          <small>Latest (5.3.x)<i class="bi-check"></i></small>
        </button>
      </li>
      <li>
        <button class="dropdown-item"
type="button"><small>v5.2.3</small></button>
      </li>
      <li>
        <button class="dropdown-item"
type="button"><small>v5.1.3</small></button>
      </li>
      <li>
        <button class="dropdown-item"
type="button"><small>v5.0.2</small></button>
      </li>
      <li><hr class="dropdown-divider" /></li>
      <li><h6 class="dropdown-header">Previous releases</h6></li>
      <li>
        <button class="dropdown-item"
type="button"><small>v4.6.x</small></button>
      </li>
      <li>
        <button class="dropdown-item"
type="button"><small>v3.4.1</small></button>
      </li>
      <li>
        <button class="dropdown-item"
type="button"><small>v2.3.2</small></button>
      </li>
      <li><hr class="dropdown-divider" /></li>
      <li>

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        <button class="dropdown-item" type="button"><small>All
versions</small></button>
    </li>
</ul>
</div>
</li>
<li class="nav-item col-12 col-lg-auto">
    <div class="vr d-none d-lg-flex h-100 mx-lg-2 text-white"></div>
    <hr class="d-md-none text-white-50" />
</li>
<li class="nav-item">
    <!-- Dropdown -->
    <div class="dropdown" data-bs-theme="light">
        <button type="button" class="btn nav-link text-white
dropdown-toggle" data-bs-toggle="dropdown" aria-expanded="false"><i
class="bi-brightness-high-fill"></i><span class="d-lg-none">Toggle
theme</span></button>
        <ul class="dropdown-menu dropdown-menu-end">
            <li class="dropdown-item active bg-purple" type="button">
                <small><i class="bi-brightness-high-fill me-2"></i>Light</small>
            </li>
            <li class="dropdown-item" type="button">
                <small><i class="bi-moon-stars-fill me-2"></i>Dark</small>
            </li>
            <li class="dropdown-item" type="button">
                <small><i class="bi-circle-half me-2"></i>Auto</small>
            </li>
        </ul>
    </div>
</li>
</ul>
</div>
</div>
</div>
</nav>

<!-- Main -->
<div class="bg-light mt-5" id="main">
    <!-- Container -->
    <div class="container py-5 px-4">
        <div class="row">
            <div class="col-md-5 order-md-2">
                

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</div>

<div class="col-md-7 order-md-1">
    <h1 class="mt-4 display-3">Build fast, responsive sites with
Bootstrap</h1>
    <p class="fs-5 mt-3">
        Quickly design and customize responsive mobile-first sites with
        Bootstrap, the world's most popular front-end open source toolkit, featuring Sass
        variables and mixins, responsive frid system, extensive prebuilt components, and
        powerful Javascript plugins.
    </p>
    <div class="row">
        <div class="d-flex flex-column flex-md-row">
            <button type="button" class="btn bg-purple text-white btn-lg mb-3
me-md-3 px-4 py-3">Get started</button>
            <button type="button" class="btn btn-outline dark btn-lg mb-3 px-4
py-3">Download</button>
        </div>
        <div class="text-muted">Currently <strong>v5.3.0-alpha2.</strong> · <a
href="#">v.4.6.x docs</a> · <a href="#">All releases</a></div>
    </div>
</div>
</div>
</div>
</div>

<!-- Bootstrap Icon -->
<div id="bs-icons">
    <!-- Container -->
    <div class="container py-5 px-4">
        <div class="row">
            <div class="col-lg-6">
                <div class="mb-3">
                    <i class="bi bi-subtract fs-2 bg-warning py-2 px-3 rounded-3
text-white"></i>
                </div>
                <h2 class="display-5 mb-3">Personalize it with <br />Bootstrap Icons</h2>
                <p class="fs-5">
                    <a href="#">Bootstrap Icons</a> is an open source SVG icon library
                    featuring over 1,800 glyphs, with more added every release. They're designed to work
                    in any project, whether you use Bootstrap itself or not. Use them as SVGs
                    or icon fonts--both options give you vector scaling and easy
                    customization via css.
                </p>
                <a href="#" class="icon-link icon-link-hover lead fw-semibold mb-5">Get
                Bootstrap Icons<i class="bi bi-arrow-right mb-2"></i></a>

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    </div>
    <div class="col-lg-6">
        
    </div>
</div>
</div>
</div>

<!-- Bootstrap Official Themes -->
<div id="bs-themes">
    <!-- Container -->
    <div class="container py-5 px-4">
        <div class="row">
            <div class="col-lg-6">
                <div class="mb-3 mt-5"><i class="bi bi-droplet-fill fs-2 bg-info py-2 px-3
rounded-3 text-white"></i></div>
                <h2 class="display-5">Make it yours with official Bootstrap Themes</h2>
                <p class="fs-5">
                    Take Bootstrap to the next level with premium themes from the <a
href="#">official Bootstrap Themes marketplace</a>. Themes are built on Bootstrap as
their own extended frameworks, rich with new components and plugins,
                    documentation, and powerful build tools.
                </p>
                <a href="#" class="icon-link icon-link-hover lead fw-semibold mb-5">Browse
Bootstrap Themes<i class="bi bi-arrow-right mb-2"></i></a>
            </div>
            <div class="col-lg-6"></div>
        </div>
    </div>
</div>

<!-- Footer -->
<div id="footer" class="bg-light py-5">
    <div class="container py-5 px-4">
        <div class="row">
            <div class="col-lg-3 mb-5">
                <a href="#" class="logo text-decoreation-none">
                    <div class="d-flex">
                        
                        <div class="ds-5 ms-2 text-black">Bootstrap</div>
                    </div>
                </a>
            </div>
        </div>
    </div>
</div>

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    </a>

    <div class="mt-2 text-muted">
        <small>Designed and built with all the love in the world by the <a
href="#" class="text-black">our contributors</a>.</small>
    </div>

    <div class="mt-2 text-muted">
        <small>Code licensed <a href="#" class="text-black">MIT</a> docs, <a
href="#" class="text-black">CC BY 3.0</a>.</small>
    </div>

    <div class="mt-2 text-muted"><small>Currently v5.3.0-alpha2.</small></div>
</div>

<div class="col-6 col-lg-2 offset-lg-1 mb-5">
    <h5>Links</h5>
    <ul class="list-unstyled">
        <li class="mb-2"><a href="#">Home</a></li>
        <li class="mb-2"><a href="#">Docs</a></li>
        <li class="mb-2"><a href="#">Examples</a></li>
        <li class="mb-2"><a href="#">Icons</a></li>
        <li class="mb-2"><a href="#">Themes</a></li>
        <li class="mb-2"><a href="#">Blog</a></li>
        <li class="mb-2"><a href="#">Swag Store</a></li>
    </ul>
</div>

<div class="col-6 col-lg-2 mb-5">
    <h5>Guides</h5>
    <ul class="list-unstyled">
        <li class="mb-2"><a href="#">Getting started</a></li>
        <li class="mb-2"><a href="#">Started template</a></li>
        <li class="mb-2"><a href="#">Webpack</a></li>
        <li class="mb-2"><a href="#">Template</a></li>
    </ul>
</div>

<div class="col-6 col-lg-2 mb-5">
    <h5>Projects</h5>
    <ul class="list-unstyled">
        <li class="mb-2"><a href="#">Bootstrap 5</a></li>
        <li class="mb-2"><a href="#">Bootstrap 4</a></li>
        <li class="mb-2"><a href="#">Icons</a></li>
        <li class="mb-2"><a href="#">RFS</a></li>
        <li class="mb-2"><a href="#">npm starter</a></li>
    </ul>
</div>

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```
<div class="col-6 col-lg-2 mb-5">
  <h5>Community</h5>
  <ul class="list-unstyled">
    <li class="mb-2"><a href="#">Issues</a></li>
    <li class="mb-2"><a href="#">Discussions</a></li>
    <li class="mb-2"><a href="#">Corporate sponsors</a></li>
    <li class="mb-2"><a href="#">Open Collective</a></li>
    <li class="mb-2"><a href="#">Slack</a></li>
    <li class="mb-2"><a href="#">Stack overflow</a></li>
  </ul>
</div>
</div>
</div>
</div>
</body>
</html>
```



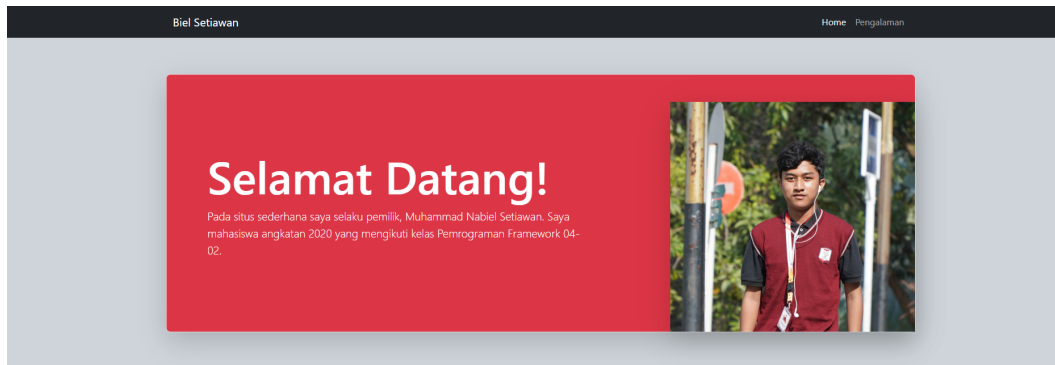
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Tampilan Web Personal



Pengalaman

Sekumpulan pengalaman organisasi dan kepanitiaan yang pernah saya lalui.



© Biel Awan along with Bootstrap Examples

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Kode Program Web Personal

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Biel Personal Web</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJQZ"
crossorigin="anonymous" />
  </head>
  <body>
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark shadow-md">
      <div class="container">
        <a class="navbar-brand" href="#">Biel Setiawan</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup"
aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
          <div class="navbar-nav ms-auto">
            <a class="nav-link active" aria-current="page" href="#home">Home</a>
            <a class="nav-link" href="#exp">Pengalaman</a>
          </div>
        </div>
      </div>
    </nav>

    <!-- Konten satu -->
    <div class="bg-dark-subtle px-2 py-3">
      <div class="container my-5" id="home">
        <div class="row p-4 pb-0 pe-lg-0 pt-lg-5 align-items-center rounded-3 border
shadow-lg bg-danger text-white">
          <div class="col-lg-7 p-5 p-lg-5 pt-lg-3">
            <h1 class="display-1 fw-medium text-white ext-body-emphasis">Selamat
Datang!</h1>
            <p class="lead">Pada situs sederhana saya selaku pemilik, Muhammad Nabel
Setiawan. Saya mahasiswa angkatan 2020 yang mengikuti kelas Pemrograman Framework
04-02.</p>
          </div>

```

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```

<div class="col-lg-4 offset-lg-1 p-0 overflow-hidden shadow-lg">
    
</div>
</div>
</div>
</div>

<!-- Konten dua -->
<section class="py-5 text-center container" id="exp">
    <div class="row py-lg-5">
        <div class="col-lg-6 col-md-8 mx-auto">
            <h1 class="display-3 fw-medium">Pengalaman</h1>
            <p class="lead text-body-emphasis pt-3">Sekumpulan pengalaman organisasi dan
kepanitiaan yang pernah saya lalui.</p>
        </div>
    </div>
</section>

<div class="album bg-body-tertiary">
    <div class="container">
        <div class="row row-cols-1 row-cols-sm-2 row-cols-md-3 g-3">
            <div class="col">
                <div class="card shadow-sm">
                    
                    <div class="card-body">
                        <p class="card-text">PKKMB Dewangkara Maetala 2022. Berpartisipasi
dalam dua divisi dalam waktu yang berbeda. Pra-PKKMB membantu Divisi PDD dan selama
hari H PKKMB bertugas dalam Divisi Broadcast</p>
                        <div class="d-flex justify-content-between align-items-center">
                            <small class="text-body-secondary">2023</small>
                        </div>
                    </div>
                </div>
            </div>
            <div class="col">
                <div class="card shadow-sm">
                    
                    <div class="card-body">
                        <p class="card-text">
                            HMSI IT Telkom Surabaya. Menjabat sebagai Staf Departemen Kominfo
                            selama Kabinet Semarak. Menangani proker SIMAGAZINE Edisi 02 dan 03 dan lain-lain
                            terkait PDD sejumlah proker salah satunya Anagata Amerta Fest. 2022

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    </p>
    <div class="d-flex justify-content-between align-items-center">
      <small class="text-body-secondary">2021-2022</small>
    </div>
  </div>
</div>
</div>
<div class="col">
  <div class="card shadow-sm">
    
    <div class="card-body">
      <p class="card-text">3rd Dies Natalies ITTS. Pengalaman kepanitiaan pertama sekaligus permulaan saya terjebak ke lingkaran setan PDD/Broadcasting.</p>
      <div class="d-flex justify-content-between align-items-center">
        <small class="text-body-secondary">2021</small>
      </div>
    </div>
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Footer -->
<div class="b-example-divider bg-body-tertiary"></div>

<div class="container">
  <footer class="py-3 my-4">
    <p class="text-center text-body-secondary">&copy; Biel Awan along with Bootstrap Examples</p>
  </footer>
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZ"
crossorigin="anonymous"></script>

</body>
</html>

```

Penjelasan Kode

Kode yang saya gunakan untuk pembuatan situs personal yang sangat sederhana ini tidak memakan banyak kode. Fungsi CDN CSS dan JS baik Bootstrap dan Bootstrap Icon telah terlampir pada kode dengan sedikit perbedaan versi yang lebih tinggi untuk Bootstrap yakni alpha3, sedikit berbeda dengan apa yang dipraktikkan dalam clone website Bootstrap.

Dalam single-page website ini memuat dua konten yakni home dan experience, untuk halaman Home saya mengikuti apa yang ada dalam contoh resmi Bootstrap yang ada pada halaman dokumentasi, yakni di bagian Hero dengan kustomisasi yang tidak banyak mengikuti selera yang saya inginkan. Tak lupa navbar yang mengikuti dokumentasi Bootstrap dengan kustomisasi lebih sederhana.

Untuk konten kedua sendiri memuat tiga pengalaman saya ke dalam bentuk album beserta deskripsi, tentunya untuk bagian ini saya menggunakan album bawaan Bootstrap dengan tambahan section sebagai judul pembuka yang berada di atas ketiga konten.

Untuk footer kurang lebih tidak ada bedanya dengan konten-konten di atas, sama-sama mengikuti contoh yang ada dari Bootstrap sendiri.