

Laporan Praktikum
Pemrograman Web 1
Modul 7 : Bootstrap

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Praktikum

1. Download Bootstrap di :

<https://getbootstrap.com/docs/5.3/getting-started/introduction/>

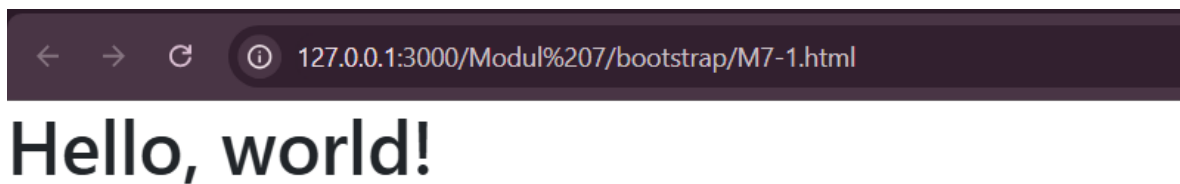
2. Praktikum 1

Code :

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Bootstrap demo</title>
    <script src="js/jquery-3.7.1.js"></script>
    <link rel="stylesheet" href="css/bootstrap.min.css" />
  </head>
  <body>
    <h1>Hello, world!</h1>
    <script src="js/bootstrap.bundle.min.js"></script>
  </body>
</html>
```

Hasil

Setelah di run, maka akan tampil kata Hello, word!



3. Praktikum 2

Code HTML :

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Bootstrap demo</title>
    <link rel="stylesheet" href="css/bootstrap.min.css" />
    <link href="css/style.css" rel="stylesheet" />
  </head>
  <body>
    <!-- navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary">
      <div class="container-fluid">
        <a class="navbar-brand" href="#">FAKULTAS ILMU KOMPUTER</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="#"
                >Beranda</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#">Profil</a>
            </li>
            <li class="nav-item dropdown">
                <a
                    class="nav-link dropdown-toggle"
                    href="#"
                    role="button"
                    data-bs-toggle="dropdown"
                    aria-expanded="false"
                >
                    Fasilitas
                </a>
                <ul class="dropdown-menu">
                    <li><a class="dropdown-item" href="#">Action</a></li>
                    <li><a class="dropdown-item" href="#">Another
action</a></li>
                    <li><hr class="dropdown-divider" /></li>
                    <li>
                        <a class="dropdown-item" href="#">Something else
here</a>
                    </li>
                </ul>
            </li>
            <li class="nav-item">
                <a class="nav-link">PMB</a>
            </li>
        </ul>
    </div>
</div>
</nav>
<!--end navbar-->

<!--jumbotron-->
<div class="jumbotron jumbotron-fluid">
    <div class="container"></div>
</div>
<!--end jumbotron-->

<!--konten-->

```

```

<form class="row g-3">
  <div class="col-md-6">
    <label for="inputEmail4" class="form-label">Email</label>
    <input type="email" class="form-control" id="inputEmail4" />
  </div>
  <div class="col-md-6">
    <label for="inputPassword4" class="form-label">Password</label>
    <input type="password" class="form-control" id="inputPassword4"
/>
  </div>
  <div class="col-12">
    <label for="inputAddress" class="form-label">Address</label>
    <input
      type="text"
      class="form-control"
      id="inputAddress"
      placeholder="1234 Main St"
    />
  </div>
  <div class="col-12">
    <label for="inputAddress2" class="form-label">Address 2</label>
    <input
      type="text"
      class="form-control"
      id="inputAddress2"
      placeholder="Apartment, studio, or floor"
    />
  </div>
  <div class="col-md-6">
    <label for="inputCity" class="form-label">City</label>
    <input type="text" class="form-control" id="inputCity" />
  </div>
  <div class="col-md-4">
    <label for="inputState" class="form-label">State</label>
    <select id="inputState" class="form-select">
      <option selected>Choose...</option>
      <option>...</option>
    </select>
  </div>
  <div class="col-md-2">
    <label for="inputZip" class="form-label">Zip</label>
    <input type="text" class="form-control" id="inputZip" />
  </div>
  <div class="col-12">
    <div class="form-check">
      <input class="form-check-input" type="checkbox"
id="gridCheck" />
      <label class="form-check-label" for="gridCheck"> Check me out
</label>
    </div>
  </div>
  <div class="col-12">
    <button type="submit" class="btn btn-primary">Sign in</button>
  </div>
</form>

```

```
<!--end konten-->

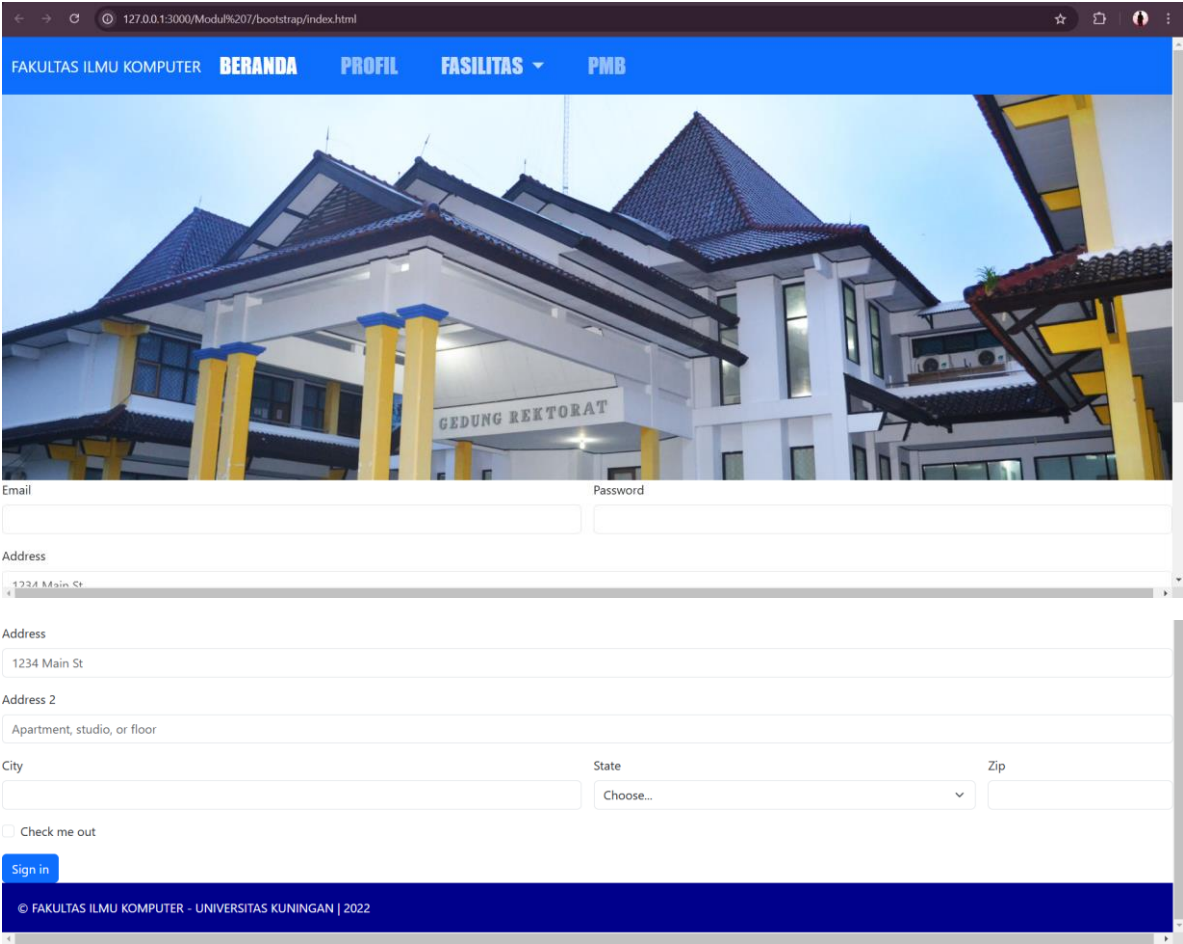
<!--footer-->
<div
  class="footer"
  style="background-color: darkblue; color: white; padding: 20px"
>
  &copy; FAKULTAS ILMU KOMPUTER - UNIVERSITAS KUNINGAN | 2022
</div>
<!--end footer-->
<script src="js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

Code CSS :

```
.nav-link {
  font-family: impact;
  font-size: 24px;
  text-transform: uppercase;
  margin-right: 30px;
}
.nav-link:hover {
  color: rgb(182, 215, 243);
}
.jumbotron {
  background-image: url("../Images/cover.jpg");
  background-size: cover;
  height: 500px;
}
@media (min-width: 992px) {
  .nav-link {
    font-size: 28px;
    margin-right: 40px;
  }
}
```

Hasil

Kode tersebut menggunakan **Bootstrap** untuk membuat tata letak responsif yang mencakup navbar, jumbotron, form, dan footer. Navbar dilengkapi dengan menu dropdown, sementara jumbotron menampilkan gambar latar yang diatur melalui CSS. Formulir menggunakan grid system untuk memastikan tata letak responsif. Custom CSS diterapkan untuk memperbesar font menu (nav-link), menambahkan efek hover, dan mengatur gambar latar pada jumbotron. Media query digunakan untuk meningkatkan ukuran font pada layar besar, contohnya seperti dibawah.



Tugas

1. Desain Web Menggunakan Bootstrap

Code :

```
<!DOCTYPE html>
<html lang="id">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Grand Hotel</title>
    <link href="css/bootstrap.min.css" rel="stylesheet" />
    <style>
      .dropdown-submenu {
        position: relative;
      }
      .dropdown-submenu .dropdown-menu {
        top: 0;
        left: 100%;
        margin-top: -5px;
      }
    </style>
  </head>
  <body>
    <header class="bg-dark text-white text-center py-3">
      <div class="container">
        <div class="d-flex flex-column align-items-center">
          
    <h1 class="mt-2">GRAND HOTEL</h1>
</div>
<nav class="mt-3">
    <ul class="nav justify-content-center">
        <li class="nav-item">
            <a class="nav-link text-white" href="#">Home</a>
        </li>
        <li class="nav-item">
            <a class="nav-link text-white" href="#">Kamar</a>
        </li>
        <li class="nav-item dropdown">
            <a
                class="nav-link dropdown-toggle text-white"
                href="#"
                data-bs-toggle="dropdown"
            >Fasilitas</a>
            >
            <ul class="dropdown-menu">
                <li><a class="dropdown-item" href="#">Petualangan
Alam</a></li>
                <li class="dropdown-submenu">
                    <a class="dropdown-item dropdown-toggle" href="#"
                        >Kolam Renang</a>
                    >
                    <ul class="dropdown-menu">
                        <li>
                            <a class="dropdown-item" href="#">Sumber Air
Panas</a>
                        </li>
                        <li class="dropdown-submenu">
                            <a class="dropdown-item dropdown-toggle" href="#"
                                >Kolam Anak & Dewasa</a>
                            >
                            <ul class="dropdown-menu">
                                <li><a class="dropdown-item"
href="#">Reguler</a></li>
                                <li><a class="dropdown-item"
href="#">Premium</a></li>
                                </ul>
                            </li>
                        </ul>
                    </li>
                    <li><a class="dropdown-item" href="#">Pusat
Kebugaran</a></li>
                    <li><a class="dropdown-item" href="#">Ruang
Rapat</a></li>
                </ul>
            </li>
        </ul>
    </li>
    <li class="nav-item">

```

```
<a class="nav-link text-white" href="#">Pesanan
Sekarang</a>
    </li>
</ul>
</nav>
</div>
</header>
<div class="container mt-4">
  <div class="row">
    <!-- Leftbar -->
    <aside class="col-md-3">
      <iframe
        class="w-100 mb-3"
        src="https://www.youtube.com/embed/example1"
        title="Video 1"
        style="height: 150px; border: none"
      ></iframe>
      <iframe
        class="w-100 mb-3"
        src="https://www.youtube.com/embed/example2"
        title="Video 2"
        style="height: 150px; border: none"
      ></iframe>
      <iframe
        class="w-100"
        src="https://www.youtube.com/embed/example3"
        title="Video 3"
        style="height: 150px; border: none"
      ></iframe>
    </aside>
    <!-- Main content -->
    <main class="col-md-9">
      <div class="row g-3">
        <div class="col-md-4">
          
        </div>
        <div class="col-md-4">
          
        </div>
        <div class="col-md-4">
          
        </div>
        <div class="col-md-4">
          <img
            src="../../Images/download (1).jpg"

```



```

        alt="Room 4"
        class="img-fluid"
    />
</div>
<div class="col-md-4">
    
</div>
<div class="col-md-4">
    
</div>
</div>
</main>
</div>
</div>
<footer class="bg-dark text-white text-center py-3 mt-4">
    <p>&copy; 2024 Grand Hotel</p>
</footer>
<script src="js/bootstrap.bundle.min.js"></script>
<script>
    document.querySelectorAll(".dropdown-submenu >
a").forEach((element) => {
        element.addEventListener("click", (e) => {
            e.preventDefault();
            e.stopPropagation();
            const submenu = element.nextElementSibling;
            if (submenu) {
                submenu.classList.toggle("show");
            }
        });
    });
</script>
</body>
</html>

```

Hasil

Kode HTML diatas membuat sebuah halaman web "Grand Hotel" dengan menggunakan framework Bootstrap untuk tata letak yang responsif. Bagian header menampilkan logo, nama hotel, dan navigasi (navbar) dengan menu dropdown berlapis untuk fasilitas, seperti "Kolam Renang" dan subkategori seperti "Kolam Anak & Dewasa."contohnya seperti gambar dibawah.

