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Prodi : S1 Teknologi Informasi

A. Tugas Bootstrap

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Tugas Bootstrap: Halaman Responsif</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0alpha1/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>

  <nav class="navbar navbar-expand-lg navbar-dark bg-primary">
    <div class="container">
      <a class="navbar-brand" href="#">Aplikasi RekWeb</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarNav">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav ms-auto">
          <li class="nav-item"><a class="nav-link active" href="#">Beranda</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Data</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Formulir</a></li>
        </ul>
      </div>
    </div>
  </nav>

  <div class="container mt-4">

    <h1 class="mb-4 text-center">Data & Pendaftaran Peserta</h1>
```

```

<div class="row">

  <div class="col-lg-8 col-sm-12 mb-4">
    <div class="card shadow-sm">
      <div class="card-header bg-info text-white">
        <h5>Data Peserta Aktif</h5>
      </div>
      <div class="card-body">
        <div class="table-responsive">
          <table class="table table-striped table-hover">
            <thead>
              <tr>
                <th>#</th>
                <th>Nama Lengkap</th>
                <th>Jurusan</th>
                <th>Status</th>
              </tr>
            </thead>
            <tbody>
              <tr><td>1</td><td>Ahmad Fulan</td><td>Teknik
Informatika</td><td>Aktif</td></tr>
              <tr><td>2</td><td>Siti Aminah</td><td>Sistem
Informasi</td><td>Aktif</td></tr>
              <tr><td>3</td><td>Rudi
Hartono</td><td>Manajemen</td><td>Aktif</td></tr>
            </tbody>
          </table>
        </div>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-sm-12 mb-4">
    <div class="card shadow-sm">
      <div class="card-header bg-secondary text-white">
        <h5>Formulir Pendaftaran</h5>
      </div>
      <div class="card-body">
        <form>

```

```

<div class="mb-3">
  <label for="nama" class="form-label">Nama Lengkap</label>
  <input type="text" class="form-control" id="nama" required>
</div>
<div class="mb-3">
  <label for="email" class="form-label">Alamat Email</label>
  <input type="email" class="form-control" id="email"
placeholder="contoh@mail.com" required>
</div>
<div class="mb-3">
  <label for="jurusan" class="form-label">Jurusan</label>
  <select class="form-select" id="jurusan" required>
    <option selected disabled value="">Pilih...</option>
    <option>Teknik Informatika</option>
    <option>Sistem Informasi</option>
    <option>Manajemen</option>
  </select>
</div>
<button type="submit" class="btn btn-success w-100">Daftar
Sekarang</button>
</form>
</div>
</div> </div> </div> <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0alpha1/dist/js/bootstrap.bundle.min
.js"></script>
</body>
</html>

```

B. Tugas Todolist

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Tugas To-Do List Sederhana</title>

```

```

<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0alpha1/dist/css/bootstrap.min.css"
rel="stylesheet">
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</head>
<body>

<div class="container mt-5" style="max-width: 600px;">
  <h1 class="mb-4 text-center">Aplikasi To-Do List Sederhana</h1>

  <form id="todoForm" class="mb-4">
    <div class="input-group">
      <input type="text" id="todoInput" class="form-control"
placeholder="Masukkan item baru..." required>
      <button type="submit" class="btn btn-primary">Tambah Item</button>
    </div>
  </form>

  <div class="card shadow-sm">
    <div class="card-header bg-light">
      **Daftar Tugas**
    </div>
    <ul id="todoList" class="list-group list-group-flush">
      <li class="list-group-item text-muted">Belum ada tugas.</li>
    </ul>
  </div>
</div>

<script>
$(document).ready(function() {

  // Menangani pengiriman form (submit event)
  $('#todoForm').submit(function(event) {
    // Mencegah halaman refresh saat form disubmit (KUNCI AJAX/DOM
Manipulation)
    event.preventDefault();

    // Mengambil nilai input dan menghapus spasi di awal/akhir

```

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let newItemText = $('#todoInput').val().trim();

// Validasi: pastikan input tidak kosong
if (newItemText !== '') {

    // 1. Buat elemen <li> baru menggunakan jQuery
    let $listItem = $('<li class="list-group-item d-flex justify-content-between align-items-center"></li>');

    // 2. Tambahkan teks ke dalam elemen <li>
    $listItem.append('<span>${newItemText}</span>');

    // 3. Tambahkan tombol Hapus
    let $deleteButton = $('<button class="btn btn-sm btn-danger">Hapus</button>');

    // 4. Tambahkan event click untuk tombol Hapus
    $deleteButton.click(function() {
        // Menghapus item <li> saat tombol Hapus diklik
        $(this).closest('li').remove();
        // Cek apakah daftar kosong, lalu tampilkan placeholder jika perlu
        checkIfListIsEmpty();
    });

    // 5. Masukkan tombol Hapus ke item daftar
    $listItem.append($deleteButton);

    // Hapus placeholder "Belum ada tugas" jika ada
    $('#todoList li.text-muted').remove();

    // 6. Tambahkan item baru ke dalam daftar (ul#todoList)
    $('#todoList').append($listItem);

    // 7. Kosongkan input form
    $('#todoInput').val("");
} else {
    alert('Item tugas tidak boleh kosong!');
}

```

```
});

// Fungsi untuk menampilkan placeholder jika daftar kosong
function checkIfListIsEmpty() {
    if ($('#todoList li').length === 0) {
        $('#todoList').append('<li class="list-group-item text-muted">Belum ada
tugas.</li>');
    }
}

// Panggil cek saat halaman dimuat
checkIfListIsEmpty();
});
</script>
</body>
</html>
```