PARKITKUM WEEK - 2

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- Kelas: PL-A
- Program Studi: Sistem Informasi
- Minggu ke-: 2
- Tanggal Praktikum: 10/09/2025

codingan dalam file `controllers\mahasiswa_controller.php`

```php
<?php

$mahasiswa = [
    ["nim" => "2101001", "nama" => "Agus", "jurusan" => "Informatika"],
    ["nim" => "2101002", "nama" => "Ikhsan", "jurusan" => "Sistem Informasi"],
];

$errors = [];

if ($_SERVER["REQUEST_METHOD"] === "POST") {
    $nim = trim($_POST["nim"] ?? '');
    $nama = trim($_POST["nama"] ?? '');
    $jurusan = trim($_POST["jurusan"] ?? '');

    if ($nim === '') {
        $errors['nim'] = "NIM wajib diisi.";
    }

    if ($nama === '') {
        $errors['nama'] = "Nama wajib diisi.";
    }

    if ($jurusan === '') {
        $errors['jurusan'] = "Jurusan wajib diisi.";
    }

    if (empty($errors)) {
        $mahasiswa[] = [
            "nim" => $nim,
            "nama" => $nama,
            "jurusan" => $jurusan
        ];
    }

}
require __DIR__ . '/../views/mahasiswa_view.php';
```

codingan dalam file `models\Mahasiswa.php`

```php
<?php
class Mahasiswa {
    public $nim;
    public $nama;
    public $jurusan;
}
```

codingan dalam file `views\mahasiswa_view.php`

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Data Mahasiswa</title>
    <style>
        body { font-family: Arial, sans-serif; max=width: 800px; margin: auto;
padding: 20px; }
        table { width: 100%; border-collapse: collapse; margin-top: 20px; }
        th, td { border: 1px solid #ddd; padding: 8px; text-align: left; }
        th { background-color: #f2f2f2; }
        .error { color: red; font-style: italic; margin: 4px 0 Bpx; }
        form > div { margin-bottom: 12px; }
        input[type="text"] { width: 100%; padding: 8px; box-sizing: border-box; }
        button { padding: 10px 15px; background-color: #4CAF50; color: white;
border: none; cursor: pointer; }
    </style>
</head>
<body>
    <h1>Data Mahasiswa</h1>
    <table>
        <thead>
            <tr>
                <th>NIM</th>
                <th>Nama</th>
                <th>Jurusan</th>
            </tr>
        </thead>
        <tbody>
            <?php if (!empty($mahasiswa)): ?>
                <?php foreach ($mahasiswa as $mhs): ?>
                    <tr>
                        <td><?php echo htmlspecialchars($mhs["nim"]); ?></td>
                        <td><?php echo htmlspecialchars($mhs["nama"]); ?></td>
                        <td><?php echo htmlspecialchars($mhs["jurusan"]); ?></td>
                    </tr>
                <?php endforeach; ?>
            <?php else: ?>
```

```html
            <tr><td colspan="3" style="text-aligncenter;">Belum ada data.</td>
</tr>
            <?php endif; ?>
        </tbody>
    </table>

    <h2>Tambah Mahasiswa Baru</h2>
    <form method="POST" action="">
        <div>
            <label>NIM</label>
            <input type="text" name="nim" value="<?= isset($_POST['nim']) ?
htmlspecialchars($_POST['nim']) : '' ?>">
            <?php if (isset($errors['nim'])): ?>
                <p class="error"><?= $errors['nim']; ?></p>
            <?php endif; ?>
        </div>
        <div>
            <label>Nama</label>
            <input type="text" name="nama" value="<?= isset($_POST['nama']) ?
htmlspecialchars($_POST['nama']) : '' ?>">
            <?php if (isset($errors['nama'])): ?>
                <p class="error"><?= $errors['nama']; ?></p>
            <?php endif; ?>
        </div>
        <div>
            <label>Jurusan</label>
            <input type="text" name="jurusan" value="<?= isset($_POST['jurusan'])
? htmlspecialchars($_POST['jurusan']) : '' ?>">
            <?php if (isset($errors['jurusan'])): ?>
                <p class="error"><?= $errors['jurusan']; ?></p>
            <?php endif; ?>
        </div>
        <button type="submit">Simpan</button>
    </form>
</body>
</html>
```

codingan dalam `index.php`

```php
<?php require __DIR__ . '/controllers/mahasiswa_controller.php'; ?>
```