PostgreSQL dan PHP

Nama: Bunga Aulia Sari

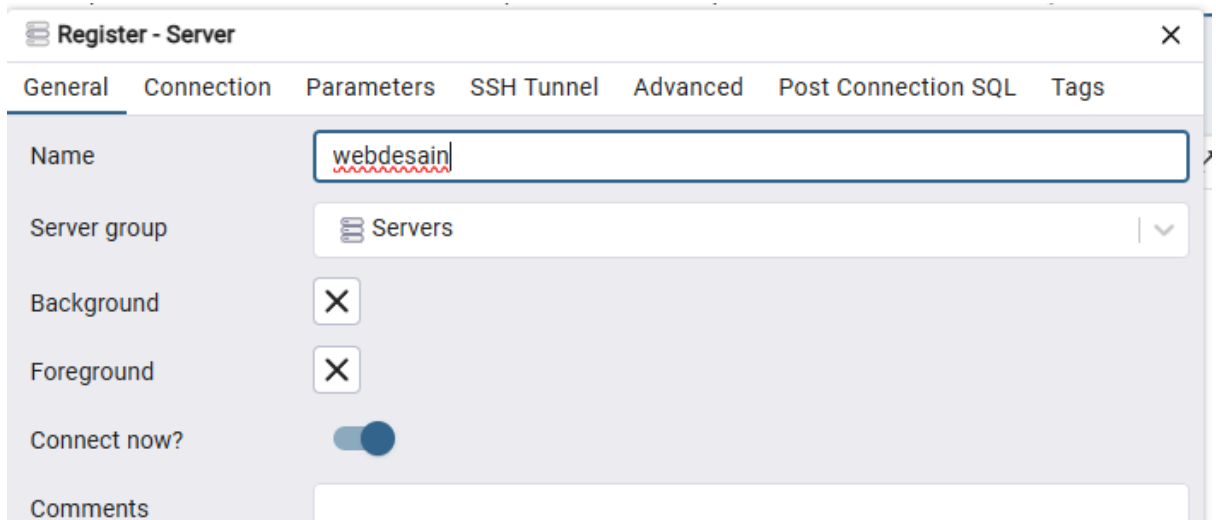**NIM : 244107060104**

Kelas : 2C

Program Studi D-IV Sistem Informasi Bisnis

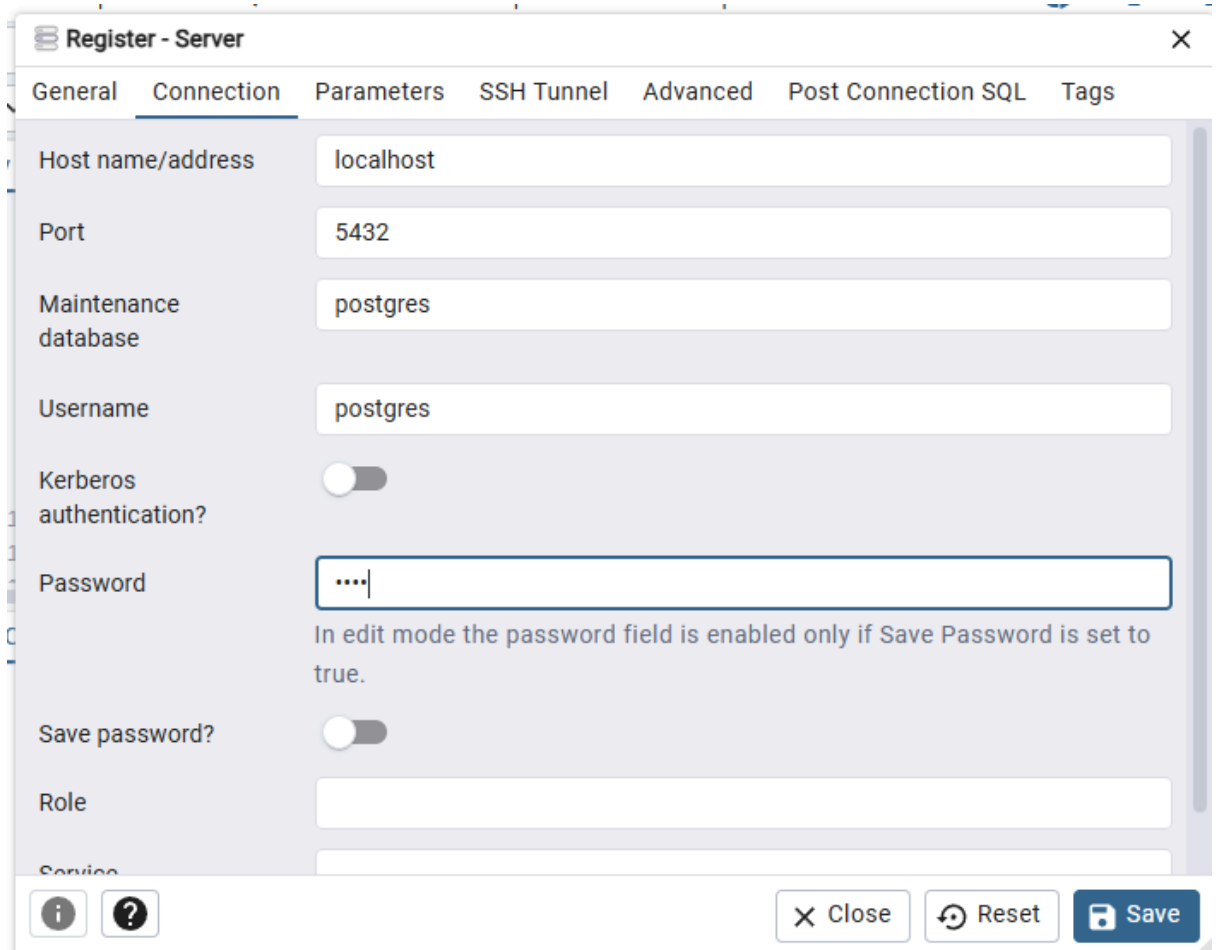**Jurusan Teknologi Informasi**

Politeknik Negeri Pandan

2025

1. Membuat server baru dengan nama 'webdesain'

2. Connection

3. Simpan, maka tampilannya sebagai berikut
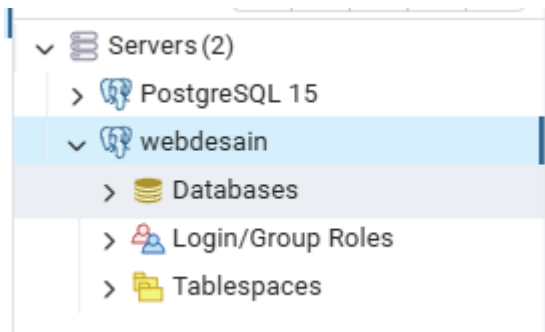
4. Create database
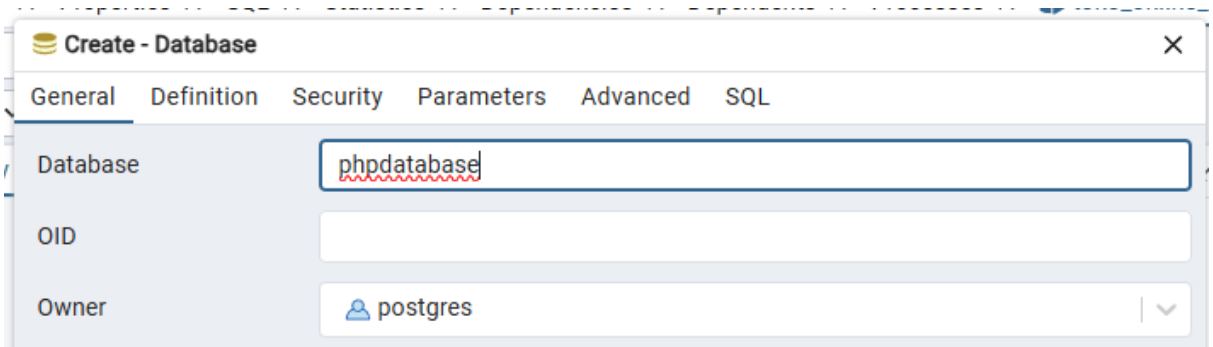
5. Create tabel

6. Insert data ke dalam tabel

7. Membuat file index.php

```php
<?php
$host = 'localhost';
$port = '5432';
$dbname = 'phpdatabase';
$user = 'postgres';
$pass = '2005';

$conn = pg_connect("host=$host port=$port dbname=$dbname user=$user password=$pass");
if (!$conn) {
    die('Koneksi gagal: ' . pg_last_error());
}

pg_set_client_encoding($conn, 'UTF8');

$sql = 'SELECT
            "Nim"     AS "Nim",
            "Nama"    AS "Nama",
            "Email"   AS "Email",
            "Jurusan" AS "Jurusan"
        FROM "TB_Mahasiswa"
        ORDER BY "Nim";';

$result = pg_query($conn, $sql);
if (!$result) {
    die('Query gagal: ' . pg_last_error($conn));
}
```

```php
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<h1>Daftar Mahasiswa</h1>
<table border="1" cellpadding="10" cellspacing="0">
<tr>
    <th>No.</th>
    <th>Nim</th>
    <th>Nama</th>
    <th>Email</th>
    <th>Jurusan</th>
    <th>Aksi</th>
</tr>
<?php $i=1; ?>
<?php while($row = pg_fetch_assoc($result)): ?>
<tr>
    <td><?= $i; ?></td>
    <td><?= htmlspecialchars($row["Nim"], ENT_QUOTES, 'UTF-8'); ?></td>
    <td><?= htmlspecialchars($row["Nama"], ENT_QUOTES, 'UTF-8'); ?></td>
    <td><?= htmlspecialchars($row["Email"], ENT_QUOTES, 'UTF-8'); ?></td>
    <td><?= htmlspecialchars($row["Jurusan"], ENT_QUOTES, 'UTF-8'); ?></td>
    <td>
        <a href="">Edit</a>
        <a href="">Hapus</a>
    </td>
</tr>
<?php $i++; endwhile; ?>
```
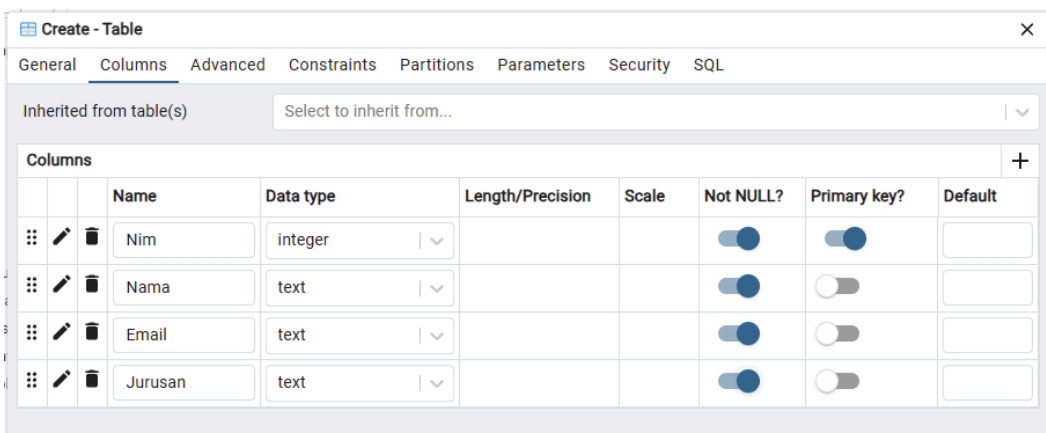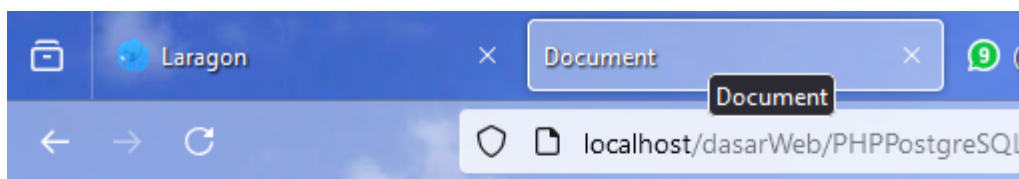
```
C: > laragon > www > dasarWeb > PHPPostgreSQL > 🐘 index.php > ...
   29    <html lang="en">
   35    <body>
   37    <table border="1" cellpadding="10" cellspacing="0">
   59    <?php $i++; endwhile; ?>
   60    </table>
   61    <?php
   62    pg_free_result($result);
   63    pg_close($conn);
   64    ?>
   65    </body>
   66    </html>
```

localhost/dasarWeb/PHPPostgreSQL

Daftar Mahasiswa

No.	Nim	Nama	Email	Jurusan	Aksi
1	123412	Dini	dini@gmail.com	Niaga	Edit Hapus