

Tugas Minggu 6 – PostgreSQL + PHP
Pemrograman Web



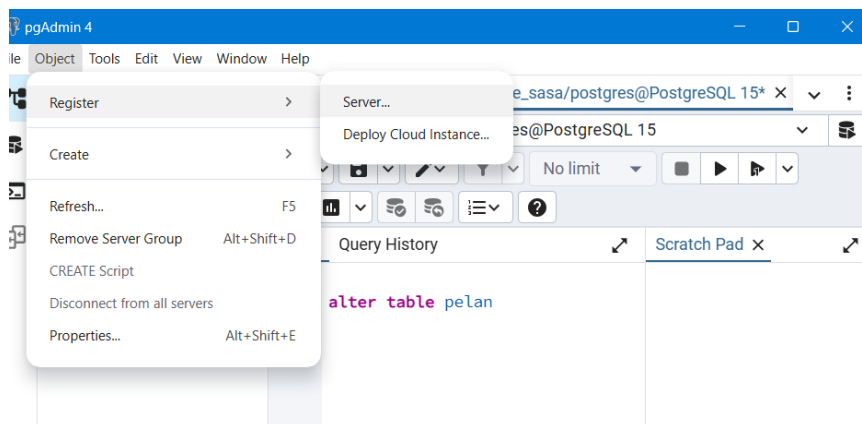
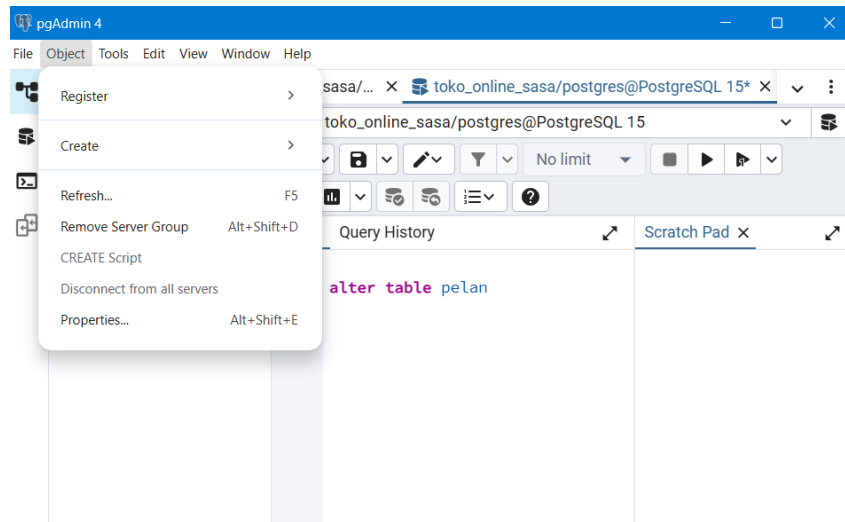
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Maria Savira

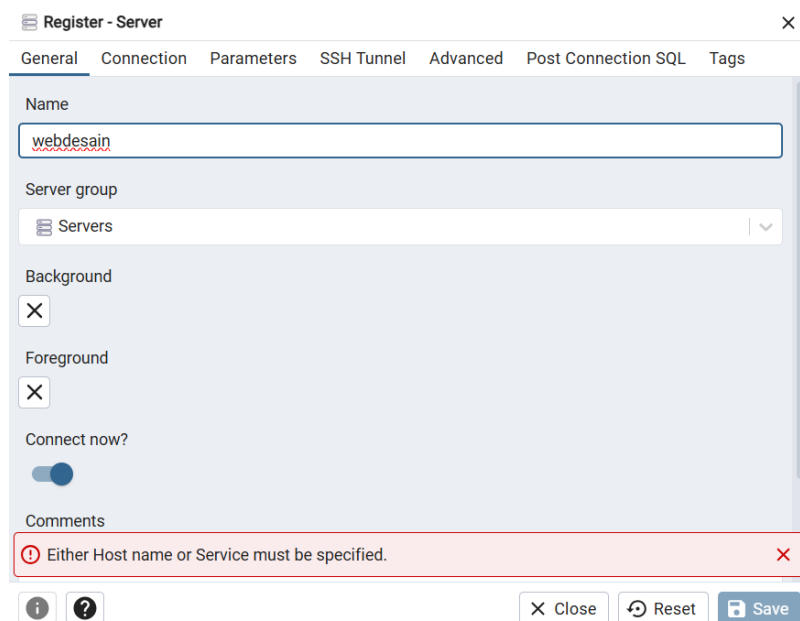
D-IV Sistem Informasi Bisnis / 2C

Langkah Praktikum

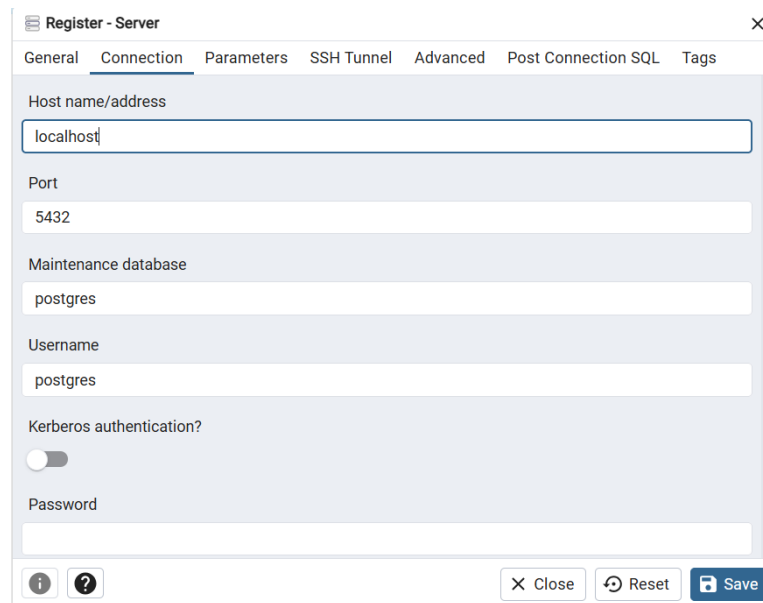
1. Membuat server baru bernama webdesain :



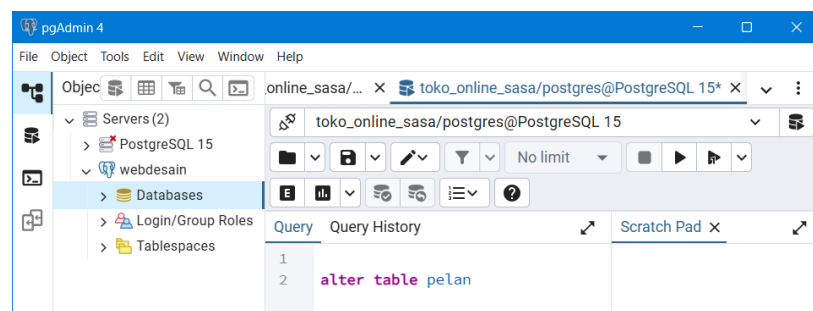
2. Mengisi nama server pada tab General :



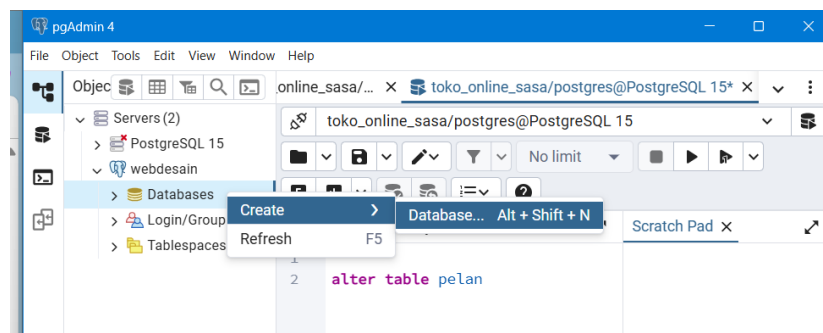
3. Mengisi nama host pada tab Connection menjadi localhost



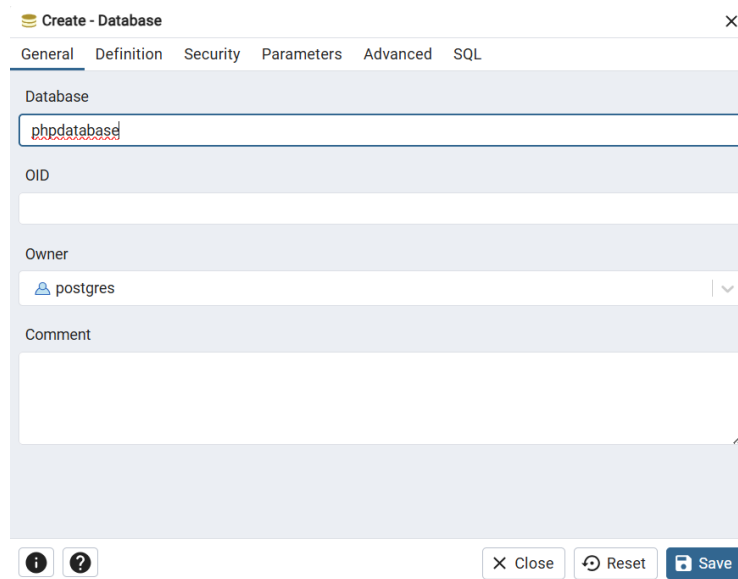
4. Jika berhasil, maka tampilannya akan seperti berikut :



5. Membuat database :



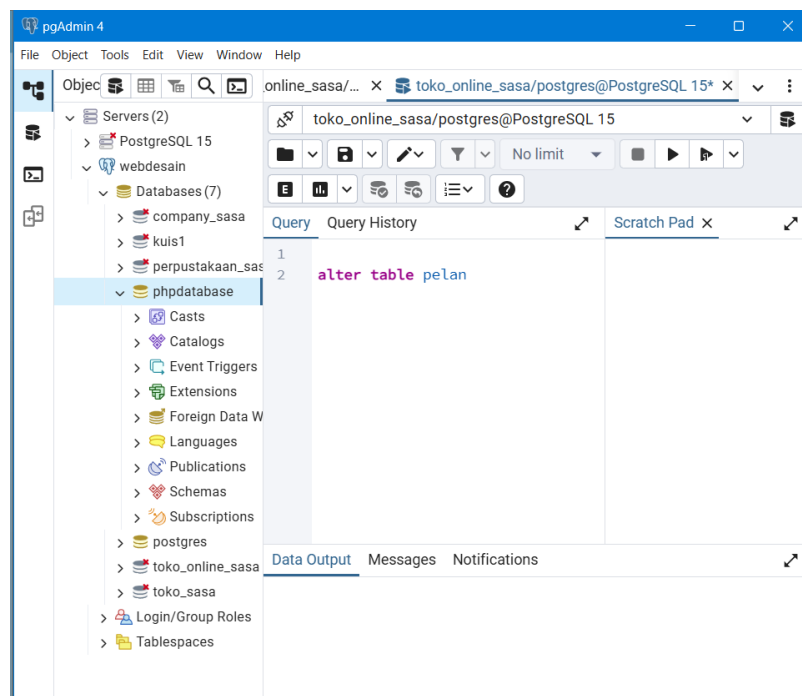
6. Pada tab general, mengisi nama database menjadi phpdatabase :



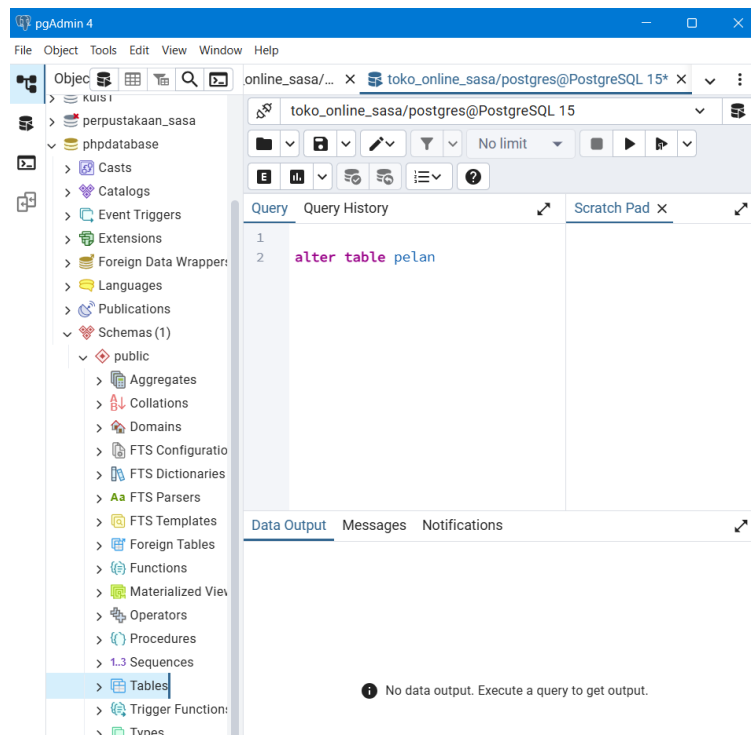
The screenshot shows the 'Create - Database' dialog box with the following details:

- Database:** phpdatabase
- OID:** (empty)
- Owner:** postgres
- Comment:** (empty text area)
- Buttons:** Close, Reset, Save

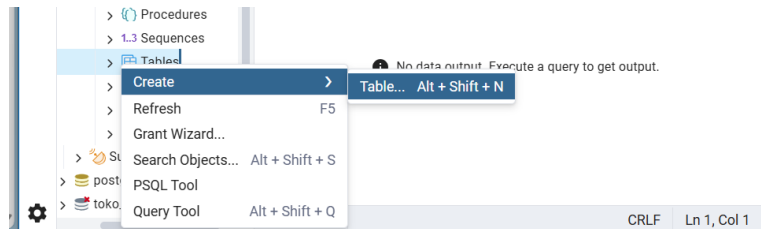
7. Jika berhasil, maka tampilannya seperti berikut :



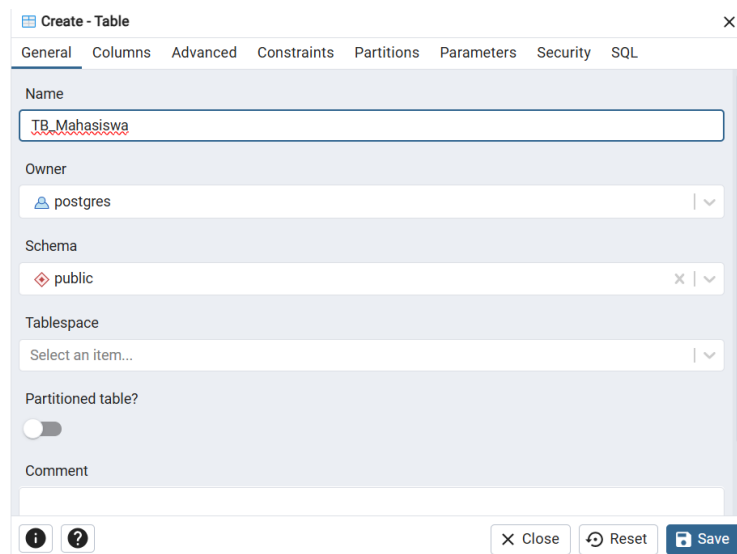
8. Mencari table pada phpdatabase -> Schemas -> Table



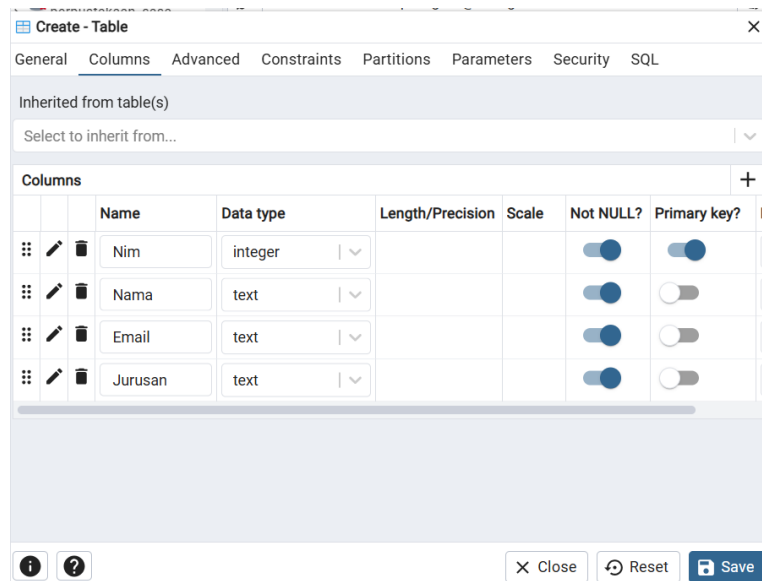
9. Membuat table baru



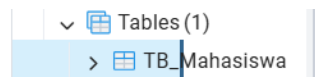
10. Memberi nama TB_Mahasiswa pada tab General :



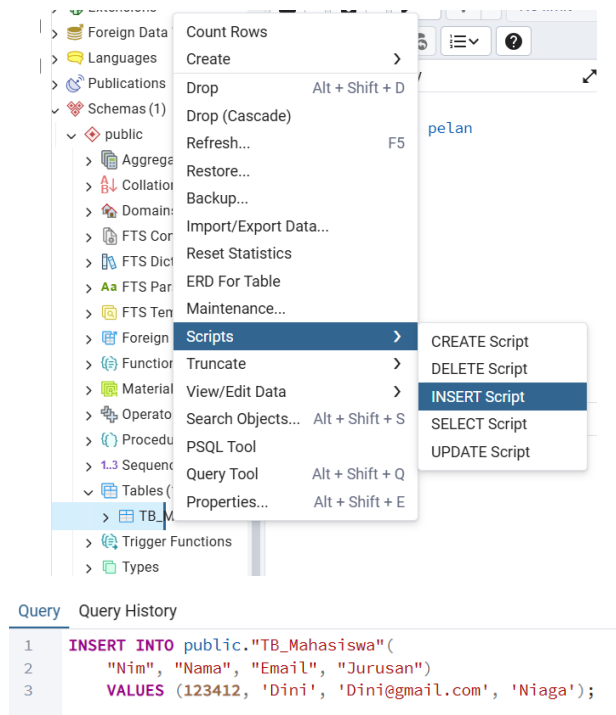
11. Menambahkan beberapa kolom pada tabel TB_Mahasiswa :



12. Jika berhasil, maka tampilannya akan seperti berikut :



13. Menambah data menggunakan script kedalam TB_Mahasiswa :



14. Script PHP

```
index.php > ...
1  <?php
2  $host = 'localhost';
3  $port = '5432';
4  $dbname = 'phpdatabase';
5  $user = 'postgres';
6  $pass = '12345';
7
8  $conn=pg_connect("host=$host·port=$port·dbname=$dbname·user=$user·password=$pass");
9  if (!$conn){
10 |   die('Koneksi gagal: ' . pg_last_error());
11 | }
12
13 pg_set_client_encoding($conn, 'UTF8');
14
15 $sql = 'SELECT "Nim","Nama","Email","Jurusan" FROM "TB_Mahasiswa" ORDER BY "Nim"';
16 $result = pg_query($conn, $sql);
17 if (!$result) {
18 |   die('Query gagal: ' . pg_last_error($conn));
19 | }
20 ?>
```

15. Script HTML

```
21 <!DOCTYPE html>
22 <html lang="en">
23 <head>
24 <meta charset="UTF-8">
25 <meta name="viewport" content="width=device-width, initial-scale=1.0">
26 <title>Daftar Mahasiswa</title>
27 </head>
28 <body>
29 <h1>Daftar Mahasiswa</h1>
30 <table border="1" cellpadding="10" cellspacing="0">
31 <tr>
32 <th>No.</th>
33 <th>Nim</th>
34 <th>Nama</th>
35 <th>Email</th>
36 <th>Jurusan</th>
37 <th>Aksi</th>
38 </tr>
39 <?php $i=1; while($row = pg_fetch_assoc($result)): ?>
40 <tr>
41 <td><?= $i; ?></td>
42 <td><?= htmlspecialchars($row["Nim"], ENT_QUOTES, 'UTF-8'); ?></td>
43 <td><?= htmlspecialchars($row["Nama"], ENT_QUOTES, 'UTF-8'); ?></td>
44 <td><?= htmlspecialchars($row["Email"], ENT_QUOTES, 'UTF-8'); ?></td>
45 <td><?= htmlspecialchars($row["Jurusan"], ENT_QUOTES, 'UTF-8'); ?></td>
46 <td>
47 <a href="edit.php?nim=<?= urlencode($row["Nim"]) ?>">Edit</a> |
48 <a href="hapus.php?nim=<?= urlencode($row["Nim"]) ?>">Hapus</a>
49 </td>
50 </tr>
51 <?php $i++; endwhile; ?>
52 </table>
53 </body>
54 </html>
55 <?php
56 pg_free_result($result);
57 pg_close($conn);
58 ?>
```

16. Output :



The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Daft...' and the address bar shows 'localhost/dasarWeb/Tugas%20Minggu%2...'. The page content features a heading 'Daftar Mahasiswa' followed by a table with student information.

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