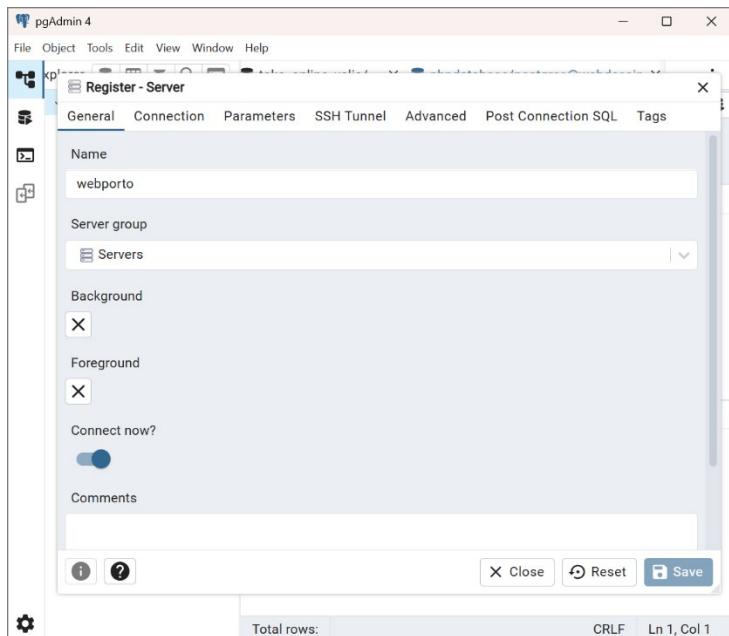


**Pemrograman Web**  
**Pertemuan 9**  
**Menyambungkan Website UTS dengan Database**

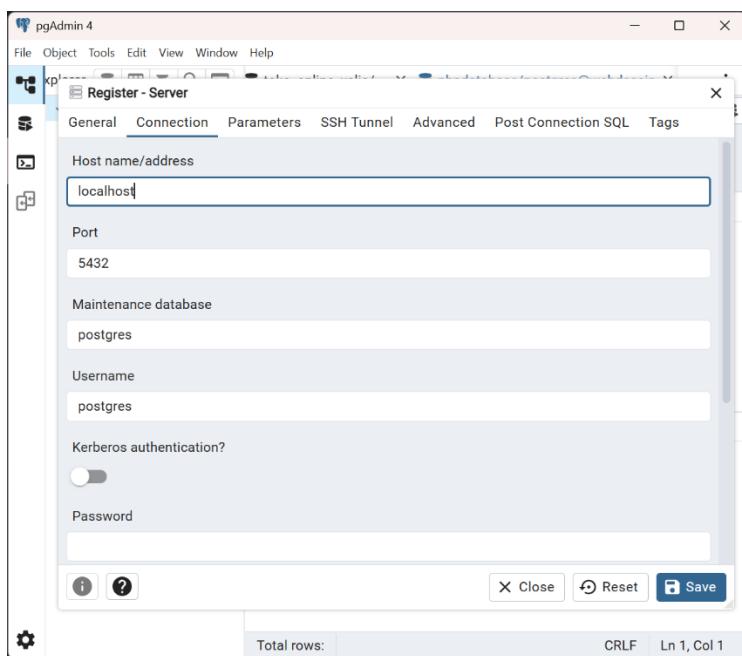


**Disusun Oleh:**  
**Nabila Nur 'Abidah Putri Valiandra**  
**244107060086**  
**D-IV Sistem Informasi Bisnis**  
**2C**

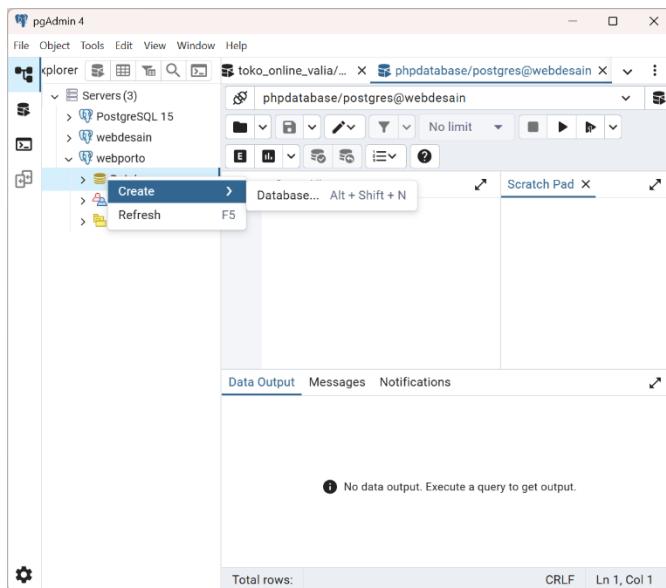
1. Kita membuat server baru bernama webporto.



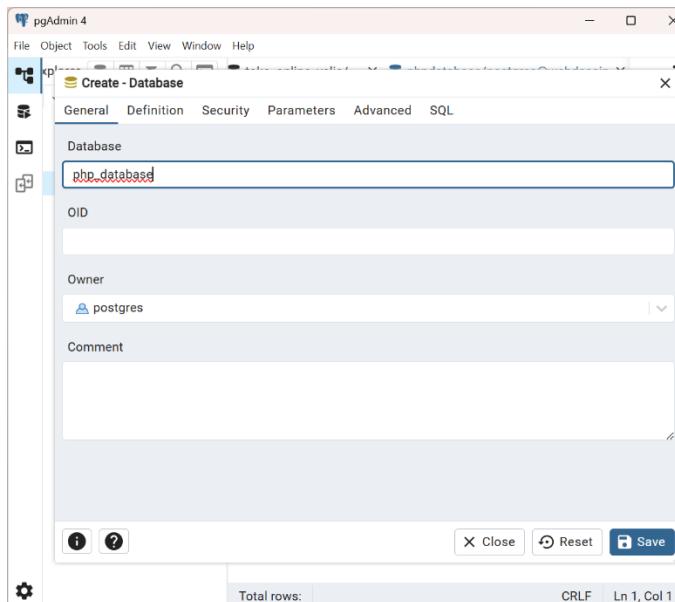
2. Lalu pada hostname kita isi local host dan juga kita isi passwordnya.



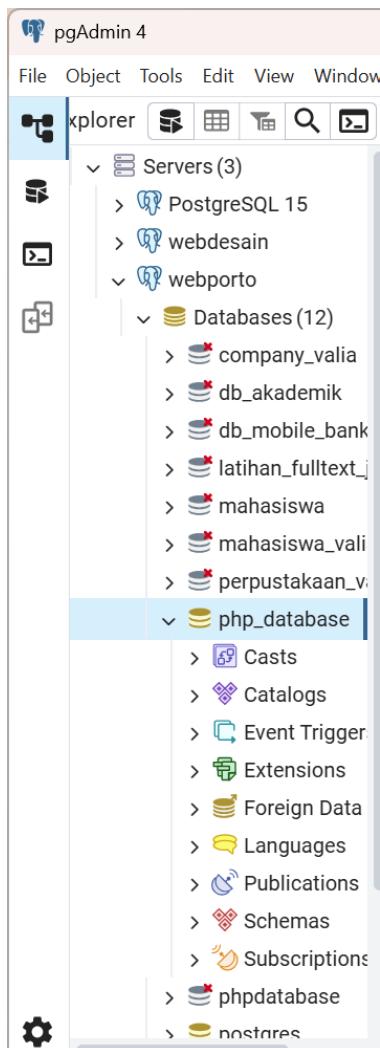
3. Lalu kita buat database



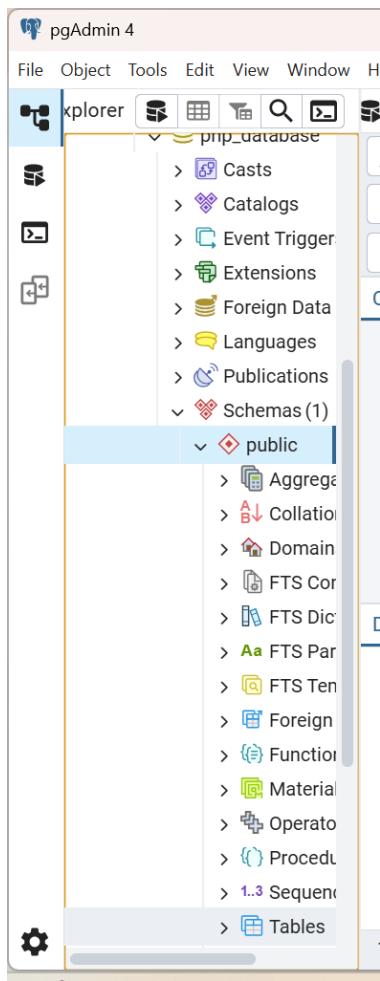
4. Pada menu general kita isikan nama database php\_database lalu klik simpan



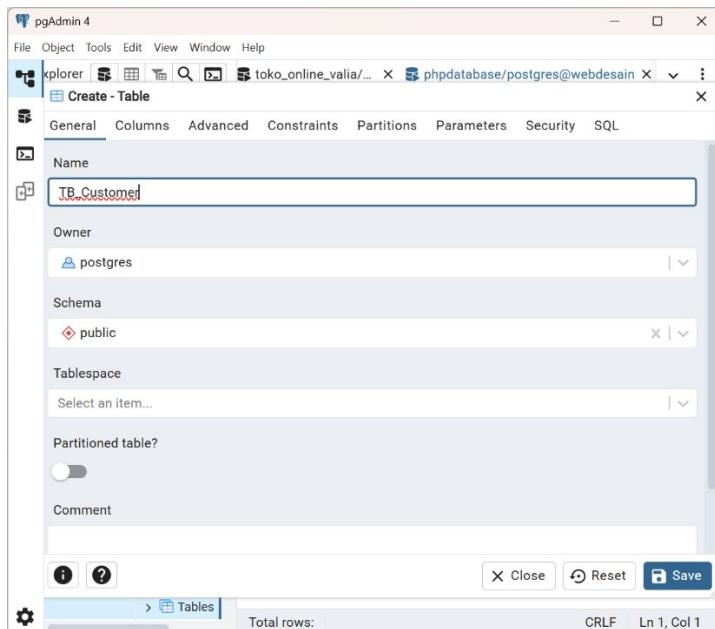
5. Apabila sudah berhasil maka tampilannya akan sebagai berikut



6. Jika database tadi sudah dibuat maka kita akan membuat tabel



7. Kita beri nama tabelnya adalah TB\_Customer



8. Pada columns kita tambahkan data sebagai berikut lalu setelah itu kita save

	Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
1	Id_cust	integer			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Nama	text			<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	Email	text			<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	No. Telp	character varying	15		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5	Jenis Kerjasama	text			<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Buttons at the bottom: Close, Reset, Save.

9. Apabila sudah kita simpan maka akan muncul hasilnya sebagai berikut

- > **1.3 Sequences**
- > **Tables (1)**
  - > **TB\_Customer**
  - > Trigger Functions

10. Setelah itu kita insert data dari customer, disini saya memasukkan 10 data customer.

```

1 INSERT INTO public."TB_Customer"(
2     "Id_cust", "Nama", "Email", "No. Telp", "Jenis Kerjasama"
3 ) VALUES
4     (1, 'Erika Y', 'erika@gmail.com', '088898980011', 'Endorse'),
5     (2, 'Maharaja W', 'maharaja@gmail.com', '088898980012', 'Barter'),
6     (3, 'Pradika Dika', 'dikapra@gmail.com', '088898980013', 'Barter'),
7     (4, 'Eunika Soed', 'eunika12@gmail.com', '088898980014', 'Barter'),
8     (5, 'Pentania J', 'jpentania@gmail.com', '088898980015', 'Endorse'),
9     (6, 'Arum Hasani', 'arumhasn@gmail.com', '088898980016', 'Endorse'),
10    (7, 'Kamila Jihana', 'jjihannaka@gmail.com', '088898980017', 'Visit'),
11    (8, 'Tio Kurnia', 'tio_kurn@gmail.com', '088898980018', 'Visit'),
12    (9, 'Dwi Rinjani', 'dwinrinjani@gmail.com', '088898980019', 'Endorse'),
13    (10, 'Bayu Andhika', 'bayuandh@gmail.com', '088898980020', 'Barter');
14
15

```

11. Ini adalah hasil dari data yang telah kita inputkan pada PgAdmin.

	Id_cust [PK] integer	Nama text	Email text	No. Telp character varying (15)	Jenis Kerjasama text
1	1	Erika Y	erika@gmail.com	088898980011	Endorse
2	2	Maharaja W	maharaja@gmail.com	088898980012	Barter
3	3	Pradika Dika	dikapra@gmail.com	088898980013	Barter
4	4	Eunika Soed	eunika12@gmail.com	088898980014	Barter
5	5	Pentania J	jpentania@gmail.com	088898980015	Endorse
6	6	Arum Hasani	arumhasn@gmail.com	088898980016	Endorse
7	7	Kamila Jihana	jjihannakag@gmail.com	088898980017	Visit
8	8	Tio Kurnia	tio_kur@gmail.com	088898980018	Visit
9	9	Dwi Rinjani	dwinrinjani@gmail.com	088898980019	Endorse
10	10	Bayu Andhika	bayuandh@gmail.com	088898980020	Barter

12. Lalu untuk kode program PHP adalah sebagai berikut

```
index.php
1  <?php
2  $host = 'localhost';
3  $port = '5432';
4  $dbname = 'php_database';
5  $user = 'postgres';
6  $pass = '29082006';
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
16     "Id_cust" AS id_customer,
17     "Nama" AS nama,
18     "Email" AS email,
19     "No. Telp" AS no_telp,
20     "Jenis Kerjasama" AS jenis_kerjasama
21     FROM "TB_Customer"
22     ORDER BY "Id_cust";
23
24 $result = pg_query($conn, $sql);
25 if (!$result) {
26     die('Query gagal: ' . pg_last_error($conn));
27 }
28 ?>
29 <!DOCTYPE html>
30 <html lang="en">
31 <head>
32     <meta charset="UTF-8">
33     <meta name="viewport" content="width=device-width, initial-scale=1.0">
34     <title>Daftar Customer</title>
35     <link rel="stylesheet" href="style.css">
36 </head>
```

```

index.php
36   </head>
37   <body>
38
39   <h1>Daftar Customer</h1>
40   <table>
41   <tr>
42     <th>ID Customer</th>
43     <th>Nama</th>
44     <th>Email</th>
45     <th>No. Telp</th>
46     <th>Jenis Kerjasama</th>
47   </tr>
48
49   <?php $i = 1; ?>
50   <?php while($row = pg_fetch_assoc($result)): ?>
51   <tr>
52     <td><?= htmlspecialchars($row["id_customer"]); ?></td>
53     <td><?= htmlspecialchars($row["nama"]); ?></td>
54     <td><?= htmlspecialchars($row["email"]); ?></td>
55     <td><?= htmlspecialchars($row["no_telp"]); ?></td>
56     <td><?= htmlspecialchars($row["jenis_kerjasama"]); ?></td>
57   </tr>
58   <?php endwhile; ?>
59
60   </table>
61
62   </body>
63   </html>
64
65   <?php
66   pg_free_result($result);
67   pg_close($conn);
68 ?>

```

### 13. Lalu kita buat Style.css

```

# style.css > ...
1  body {
2    font-family: Arial, sans-serif;
3    background: #f8f9fa;
4  }
5
6  h1 {
7    text-align: center;
8    color: #000000;
9  }
10
11 table {
12   margin: 20px auto;
13   border-collapse: collapse;
14   width: 90%;
15   background: white;
16 }
17
18 th {
19   background: #0d6efd;
20   color: white;
21 }
22
23 td, th {
24   border: 1px solid #ccc;
25   padding: 10px;
26 }
27

```

### 14. Kita jalankan pada browser dan outputnya adalah sebagai berikut

A screenshot of a web browser window titled "Daftar Customer". The URL in the address bar is "localhost/WEB%20STATIS/PHPDBPostGre/". The page displays a table with the following data:

ID Customer	Nama	Email	No. Telp	Jenis Kerjasama
1	Erika Y	erika@gmail.com	088898980011	Endorse
2	Maharaja W	maharaja@gmail.com	088898980012	Barter
3	Pradika Dika	dikapra@gmail.com	088898980013	Barter
4	Eunika Soed	eunika12@gmail.com	088898980014	Barter
5	Pentania J	jpentania@gmail.com	088898980015	Endorse
6	Arum Hasani	arumhasn@gmail.com	088898980016	Endorse
7	Kamila Jihana	jjihannaka@gmail.com	088898980017	Visit
8	Tio Kurnia	tio_kur@gmail.com	088898980018	Visit
9	Dwi Rinjani	dwinrinjani@gmail.com	088898980019	Endorse
10	Bayu Andhika	bayuandh@gmail.com	088898980020	Barter

Link Github: <https://github.com/NabilaValia/UTS-Pemrograman-Web/tree/master/PHPDBPostGre>

Link Youtube : <https://youtu.be/bC8Oisfs2u0>