

POSTGRE PHP RESTORAN



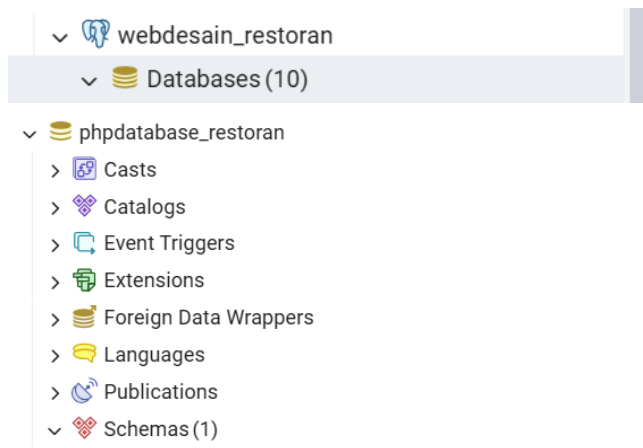
ALMAFAREL AKBAR REMIZARD

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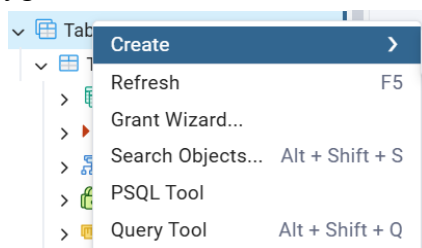
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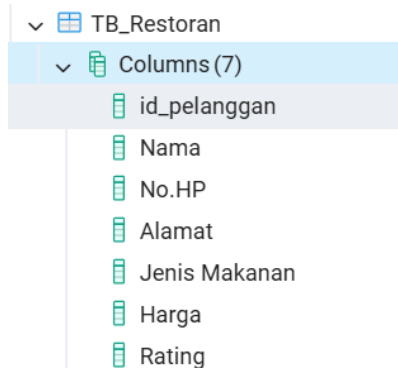
Membuat database baru di Postgre SQL dengan nama phpdatabase_restoran



Klik di Schemas > Tables, lalu Create menyesuaikan isi nama kolom tabel dengan database yg sudah dibuat



Setelah itu membuat tabel baru bernama TB_Restoran, jika telah dibuat otomatis muncul kolom dan querynya



-- Table: public.TB_Restoran

-- DROP TABLE IF EXISTS public."TB_Restoran";

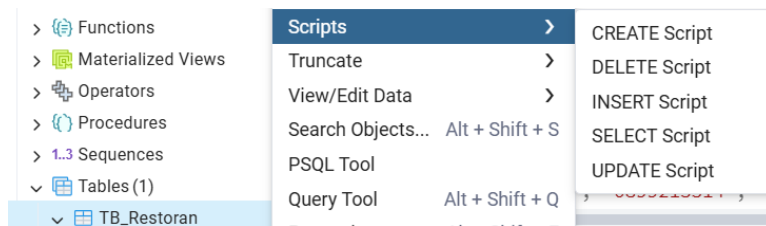
CREATE TABLE IF NOT EXISTS public."TB_Restoran"

```
(
  id_pelanggan integer NOT NULL DEFAULT nextval('TB_Restoran_id_pelanggan_seq')::regclass,
  "Nama" character varying COLLATE pg_catalog."default" NOT NULL,
  "No.HP" character varying COLLATE pg_catalog."default" NOT NULL,
  "Alamat" text COLLATE pg_catalog."default" NOT NULL,
  "Jenis Makanan" text COLLATE pg_catalog."default" NOT NULL,
  "Harga" integer NOT NULL,
  "Rating" numeric NOT NULL,
  CONSTRAINT "TB_Restoran_pkey" PRIMARY KEY (id_pelanggan)
)
```

TABLESPACE pg_default;

ALTER TABLE IF EXISTS public."TB_Restoran"
OWNER to postgres;

Mengisi data pada kolom tabel yg telah dibuat melalui TB_Restoran > Script > Create Script



Insert satu data pelanggan ke kolom tabel restoran

```
insert into public."TB_Restoran"("id_pelanggan", "Nama", "No.HP", "Alamat", "Jenis Makanan", "Harga", "Rating")
values (154, 'Handiko Aryo', '0899213314', 'Jl.Kenanga no.23', 'Syawarma Pedas', 23500, 4.4);
```

Menambah code agar menampilkan data php dari postgresQL + VSCode, dengan nama file restoran.php

```
<?php
// Konfigurasi koneksi PostgreSQL
$host = 'localhost';
$port = '5432';
$dbname = 'phpdatabase_restoran';
$user = 'postgres';
$pass = 'azon701';

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

// Mengatur encoding karakter ke UTF-8
pg_set_client_encoding($conn, 'UTF8');

// Query untuk menampilkan data dari tabel TB_Mahasiswa
$sql = 'SELECT
    "id_pelanggan" AS "ID_Pelanggan",
    "Nama",
    "No.HP",
    "Alamat",
    "Jenis Makanan",
    "Harga",
    "Rating"
FROM "TB_Restoran"
ORDER BY "id_pelanggan"';

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

?>
```

```

<!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 Pelanggan</h1>
    <table border="1" cellpadding="10" cellspacing="0">
        <tr>
            <th>No.</th>
            <th>ID_Pelanggan</th>
            <th>Nama</th>
            <th>No.HP</th>
            <th>Alamat</th>
            <th>Jenis Makanan</th>
            <th>Harga</th>
            <th>Rating</th>
        </tr>
        <?php $i = 1; ?>
        <?php while ($row = pg_fetch_assoc($result)): ?>
            <tr>
                <td><? $i; ?></td>
                <td><? = htmlspecialchars(string: $row["ID_Pelanggan"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
                <td><? = htmlspecialchars(string: $row["Nama"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
                <td><? = htmlspecialchars(string: $row["No.HP"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
                <td><? = htmlspecialchars(string: $row["Alamat"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
                <td><? = htmlspecialchars(string: $row["Jenis Makanan"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
                <td><? = htmlspecialchars(string: $row["Harga"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
                <td><? = htmlspecialchars(string: $row["Rating"], flags: ENT_QUOTES, encoding: 'UTF-8'); ?></td>
            </tr>
            <?php $i++; endwhile; ?>
        </table>
    </body>
</html>
<?php
// Bebaskan hasil & tutup koneksi (opsional)
pg_free_result($result);
pg_close($conn);
?>

```

Server dijalankan maka outputnya seperti ini :

Daftar Pelanggan

| No. | ID_Pelanggan | Nama | No.HP | Alamat | Jenis Makanan | Harga | Rating |
|-----|--------------|--------------|------------|------------------|----------------|-------|--------|
| 1 | 154 | Handiko Aryo | 0899213314 | Jl.Kenanga no.23 | Syawarma Pedas | 23500 | 4.4 |