

**LAPORAN PRAKTIKUM
PEMROGRAMAN BASIS DATA**

(Laporan Praktikum)

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JURUSAN TEKNIK INFORMASI
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2025**

- CREATE DATABASE

The screenshot shows the phpMyAdmin interface for a MySQL server at 127.0.0.1. A green success message at the top indicates that the query "CREATE DATABASE barang_db;" was successful and returned zero rows. Below the message, the SQL query is displayed. A warning message at the bottom states "Error: #1046 No database selected".

```
CREATE DATABASE barang_db;
```

- CREATE TABLE

The screenshot shows the phpMyAdmin interface for the "barang_db" database. A green success message at the top indicates that the query "CREATE TABLE barang (...)" was successful and returned zero rows. Below the message, the SQL query is displayed. The table structure includes columns: id (INT AUTO_INCREMENT PRIMARY KEY), kode (VARCHAR(20) NOT NULL), nama (VARCHAR(100) NOT NULL), jumlah (INT NOT NULL), and harga (DECIMAL(10,2) NOT NULL).

```
CREATE TABLE barang ( id INT AUTO_INCREMENT PRIMARY KEY, kode VARCHAR(20) NOT NULL, nama VARCHAR(100) NOT NULL, jumlah INT NOT NULL, harga DECIMAL(10,2) NOT NULL );
```

- FILE INDEX

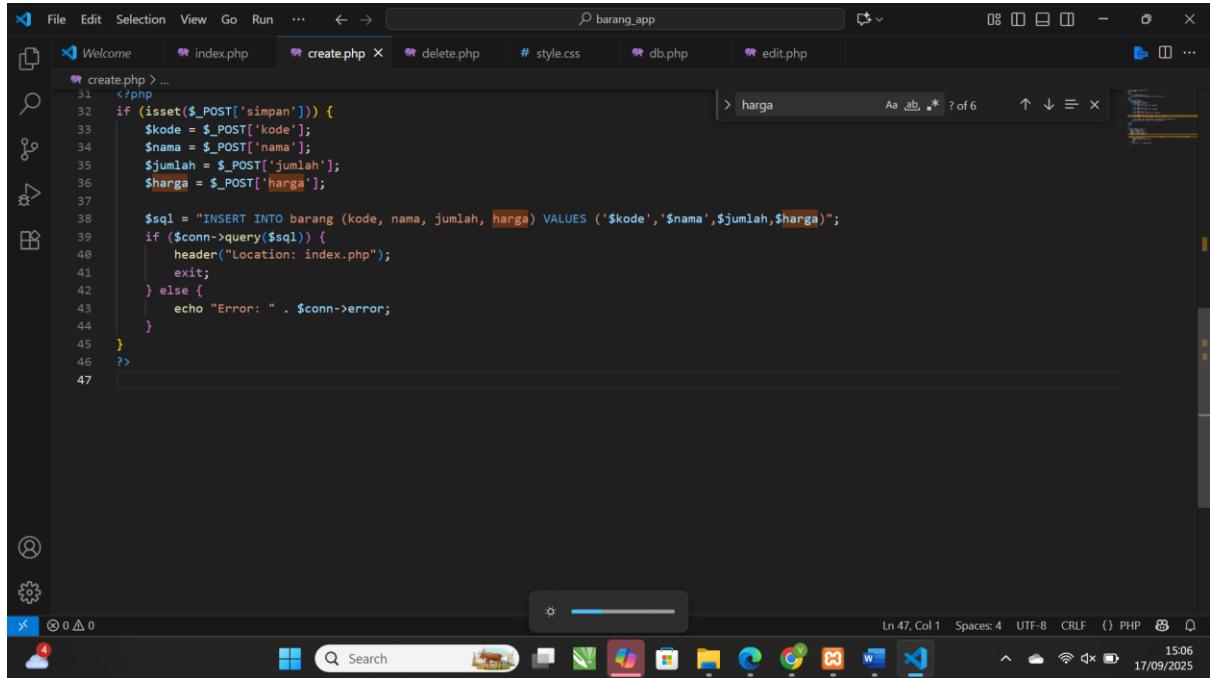
The screenshot shows a code editor window titled "barang_app". The left sidebar lists files: Welcome, index.php (current tab), create.php, delete.php, style.css, db.php, and edit.php. The main editor area contains the following PHP code:

```
<?php include("config/db.php"); ?>
<!DOCTYPE html>
<html>
<head>
    <title>Data Barang</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h1>Data Barang vina</h1>
    <a href="create.php"> Tambah Barang</a>
    <table border="1" cellpadding="8" cellspacing="0">
        <tr>
            <th>ID</th>
            <th>Kode</th>
            <th>Nama</th>
            <th>Jumlah</th>
            <th>Harga</th>
            <th>Aksi</th>
        </tr>
    <?php
    $result = $conn->query("SELECT * FROM barang");
    while ($row = $result->fetch_assoc()) {
        echo '<tr>
            <td>'.htmlspecialchars($row['id']).'</td>
            <td>'.htmlspecialchars($row['kode']).'</td>
            <td>'.htmlspecialchars($row['nama']).'</td>
            <td>'.number_format($row['jumlah'], 0, ',', '.').'</td>
            <td>Rp '.number_format($row['harga'], 2, ',', '.').'</td>
        </tr>';
    }
    <?php
}
while ($row = $result->fetch_assoc()) {
    echo '<tr>
        <td>'.htmlspecialchars($row['id']).'</td>
        <td>'.htmlspecialchars($row['kode']).'</td>
        <td>'.htmlspecialchars($row['nama']).'</td>
        <td>'.number_format($row['jumlah'], 0, ',', '.').'</td>
        <td>Rp '.number_format($row['harga'], 2, ',', '.').'</td>
        <td>
            <a href="edit.php?id='.$row['id'].'" class="btn btn-edit">Edit</a>
            <a href="delete.php?id='.$row['id'].'" class="btn btn-delete" onclick="return confirm('Yakin ingin hapus?')>Hapus</a>
        </td>
    </tr>';
}
</table>
</body>
</html>
```

The status bar at the bottom indicates: Ln 36, Col 1 | Spaces: 4 | UTF-8 | CRLF | PHP | 15:06 | 17/09/2025.

This screenshot is identical to the one above, showing the same code editor window for the "barang_app" project. The code in the editor is the same, and the status bar at the bottom also shows the same information: Ln 36, Col 1 | Spaces: 4 | UTF-8 | CRLF | PHP | 15:06 | 17/09/2025.

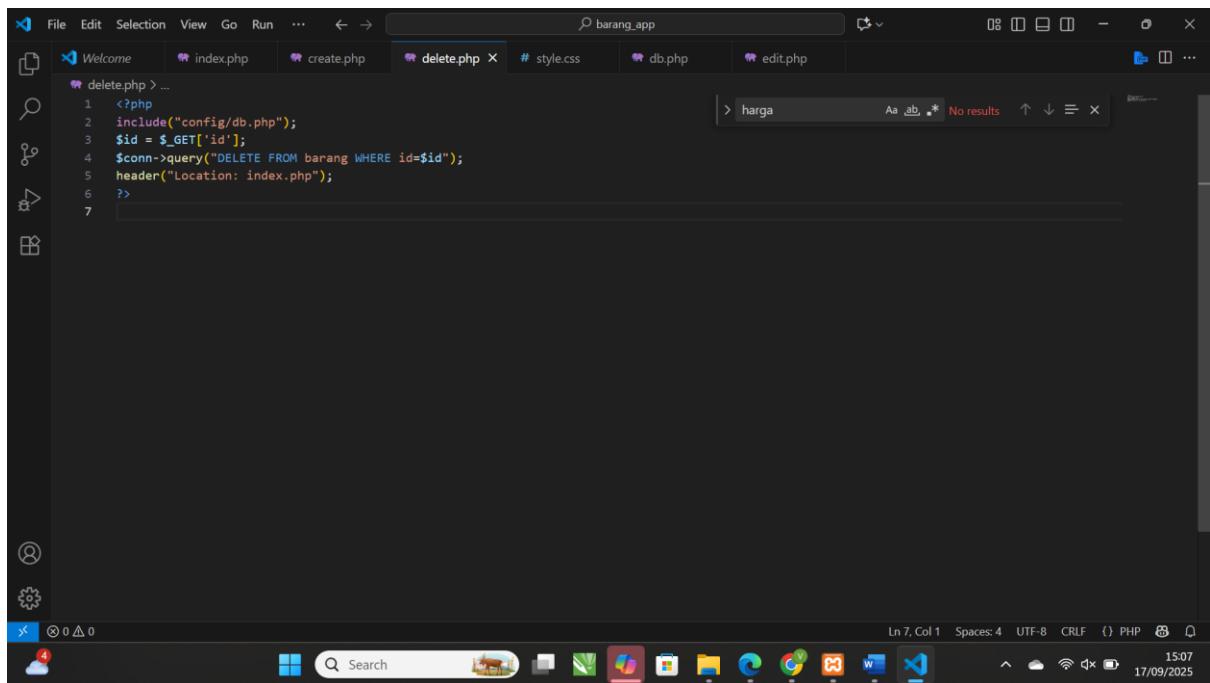
- FILE CREATE



```
<?php
if (isset($_POST['simpan'])) {
    $kode = $_POST['kode'];
    $nama = $_POST['nama'];
    $jumlah = $_POST['jumlah'];
    $harga = $_POST['harga'];

    $sql = "INSERT INTO barang (kode, nama, jumlah, harga) VALUES ('$kode', '$nama', '$jumlah', '$harga')";
    if ($conn->query($sql)) {
        header("Location: index.php");
        exit;
    } else {
        echo "Error: " . $conn->error;
    }
}
?>
```

- FILE DELETE



```
<?php
include("config/db.php");
$id = $_GET['id'];
$conn->query("DELETE FROM barang WHERE id=$id");
header("Location: index.php");
?>
```

- FILE STYLE.CSS

```
# style.css > ...  
1 body {  
2     font-family: 'Poppins', sans-serif;  
3     margin: 0;  
4     padding: 0;  
5     background: linear-gradient(135deg, #ffb6c1, #ffffff, #99bdbf5);  
6     color: #333;  
7 }  
8  
9 .container {  
10    width: 80%;  
11    margin: 40px auto;  
12    background: #fff;  
13    padding: 20px 30px;  
14    border-radius: 12px;  
15    box-shadow: 0 4px 10px rgba(0,0,0,.1);  
16 }  
17  
18 h1 {  
19     font-family: 'Crosila', sans-serif;  
20     color: #8c1456;  
21     margin-bottom: 20px;  
22     text-align: center;  
23     font-weight: 600;  
24     letter-spacing: 1px;  
25 }  
26  
27 table {  
28     border-collapse: collapse;  
29 }  
30  
31 @0 △0
```

Ln 17, Col 1 Spaces: 4 UTF-8 CRLF {} CSS 15:07 17/09/2025

```
# style.css > ...  
27 table {  
28     border-collapse: collapse;  
29     width: 100%;  
30     margin-top: 15px;  
31     border-radius: 6px;  
32     overflow: hidden;  
33     font-size: 14px;  
34     letter-spacing: 0.5px;  
35 }  
36  
37 table th {  
38     background-color: #ffe6ee;  
39     color: #8c1456;  
40     text-align: left;  
41 }  
42  
43 table th, table td {  
44     padding: 12px;  
45     border: 1px solid #eee;  
46 }  
47  
48 table tr:nth-child(even) {  
49     background-color: #fdfcfb;  
50 }  
51  
52 table tr:nth-child(odd) {  
53     background-color: #f0f8ff;  
54 }  
55  
56 @0 △0
```

Ln 17, Col 1 Spaces: 4 UTF-8 CRLF {} CSS 15:07 17/09/2025

A screenshot of a code editor window titled "barang_app". The current file is "style.css". The code defines several button classes:

```
# style.css > ...
56 a.btn {
57     display: inline-block;
58     padding: 8px 14px;
59     margin: 3px;
60     border-radius: 6px;
61     font-size: 14px;
62     text-decoration: none;
63     color: #fff;
64     transition: 0.2s ease-in-out;
65     font-weight: 500;
66 }
67
68
69 a.btn-add {
70     background-color: #e67ab7;
71 }
72
73
74 a.btn-edit {
75     background-color: #ffe6ee;
76 }
77
78
79 a.btn-delete {
80     background-color: #ffe6ee;
81 }
82
83
84
```

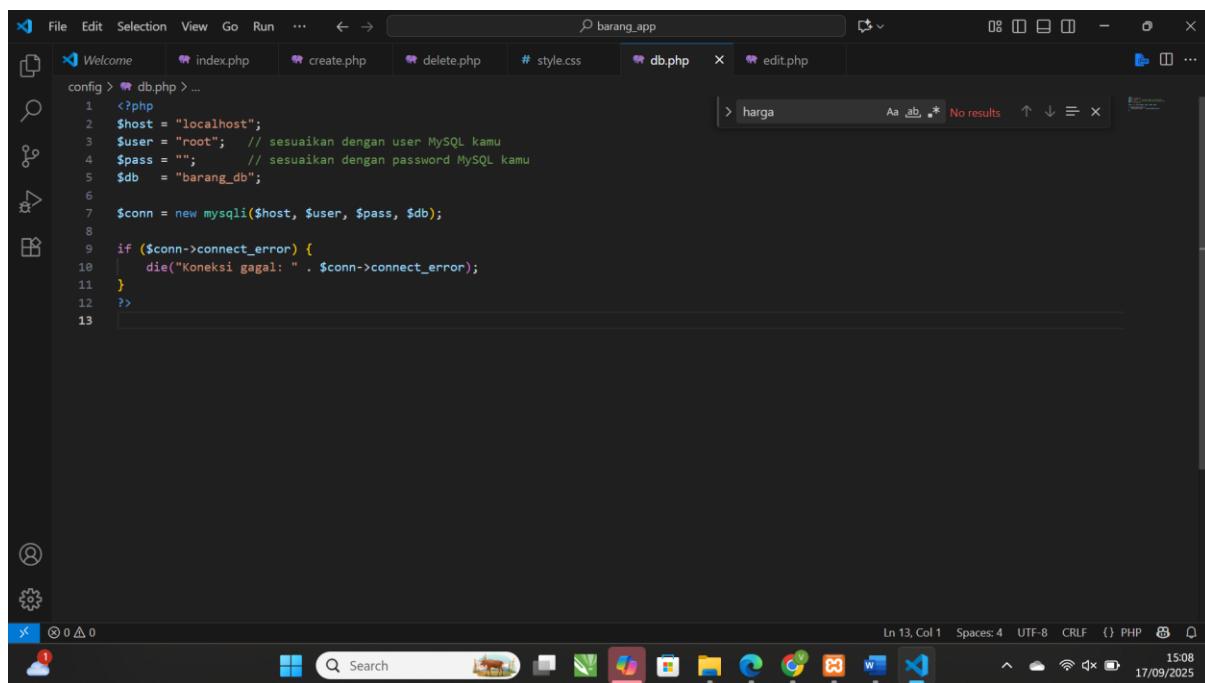
The status bar at the bottom shows "Ln 17, Col 1" and "15:07 17/09/2025".

A screenshot of a code editor window titled "barang_app". The current file is "style.css". The code continues from the previous snippet:

```
# style.css > ...
80 a.btn-delete {
81 }
82
83
84 a.btn-view {
85     background-color: #8e44ad;
86 }
87
88
89 a.btn:hover {
90     transform: scale(1.05);
91     opacity: 0.9;
92     box-shadow: 0 3px 6px rgba(0,0,0,0.15);
93 }
94
95
```

A "Snipping Tool" window is overlaid on the bottom right, displaying the message "Screenshot copied to clipboard" and "Automatically saved to screenshots folder". The status bar at the bottom shows "Ln 17, Col 1" and "15:08 17/09/2025".

- FILE koneksi database

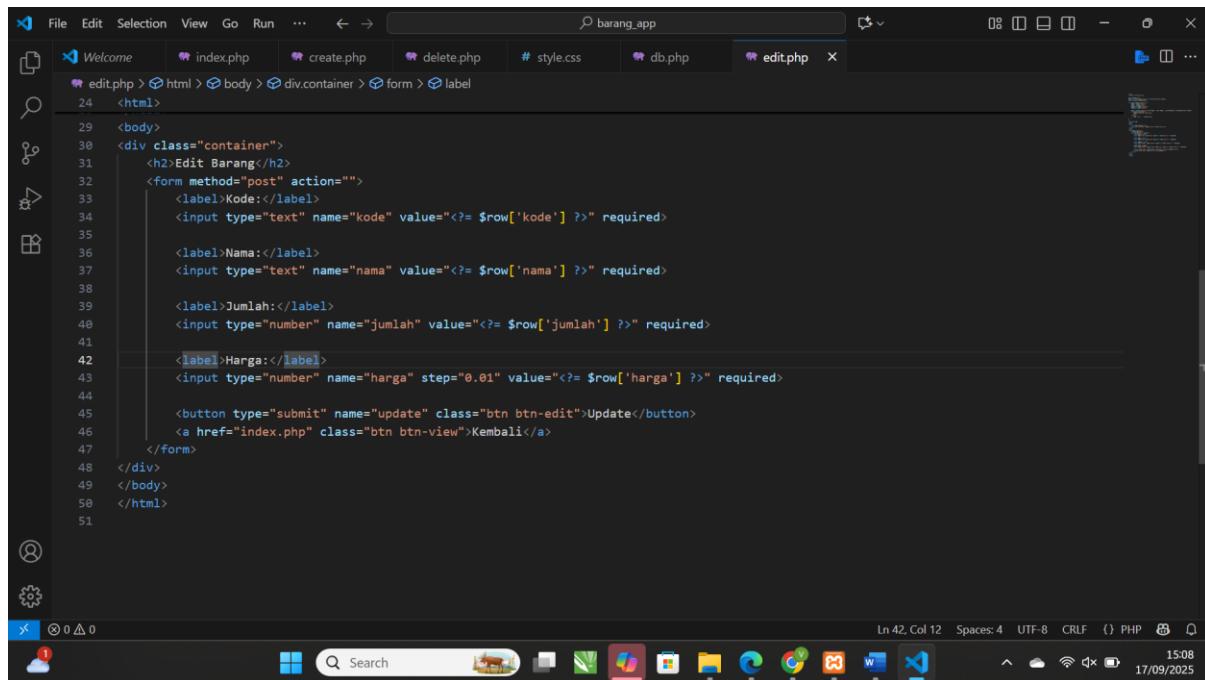


```
<?php
$host = "localhost";
$user = "root"; // sesuaikan dengan user MySQL kamu
$pass = ""; // sesuaikan dengan password MySQL kamu
$db = "barang_db";

$conn = new mysqli($host, $user, $pass, $db);

if ($conn->connect_error) {
    die("Koneksi gagal: " . $conn->connect_error);
}
?>
```

- File edit



```
<html>
<body>
<div class="container">
    <h2>Edit Barang</h2>
    <form method="post" action="">
        <label>Kode:</label>
        <input type="text" name="kode" value=<?= $row['kode'] ?>" required>

        <label>Nama:</label>
        <input type="text" name="nama" value=<?= $row['nama'] ?>" required>

        <label>Jumlah:</label>
        <input type="number" name="jumlah" value=<?= $row['jumlah'] ?>" required>

        <label>Harga:</label>
        <input type="number" name="harga" step="0.01" value=<?= $row['harga'] ?>" required>

        <button type="submit" name="update" class="btn btn-edit">Update</button>
        <a href="index.php" class="btn btn-view">Kembali</a>
    </form>
</div>
</body>
</html>
```

HASIL DARI KODE

A screenshot of a web browser window titled "Data Barang vina". The page displays a table of items with columns: ID, Kode, Nama, Jumlah, Harga, and Aksi. The table contains the following data:

ID	Kode	Nama	Jumlah	Harga	Aksi
3	2375	bonita	45	Rp 290.000,00	Edit Hapus
4	BRG001	Bolpen Hitam	50	Rp 2.500,00	Edit Hapus
5	BRG002	Buku Tulis	100	Rp 3.500,00	Edit Hapus
6	BRG003	Penggaris 30cm	30	Rp 5.000,00	Edit Hapus

A screenshot of a web browser window titled "Tambah Barang". The page contains a form with fields for Kode, Nama, Jumlah, and Harga, along with "Simpan" and "Kembali" buttons.

Tambah Barang

Kode: Nama: Jumlah: Harga: [Simpan](#)

[Kembali](#)

A screenshot of a web browser window showing a single row of data in a table format. The table has columns: ID, Kode, Nama, Jumlah, Harga, and Aksi. The data is as follows:

7	6524	sunsilk	90	Rp 2.000,00	Edit Hapus
---	------	---------	----	-------------	--

