

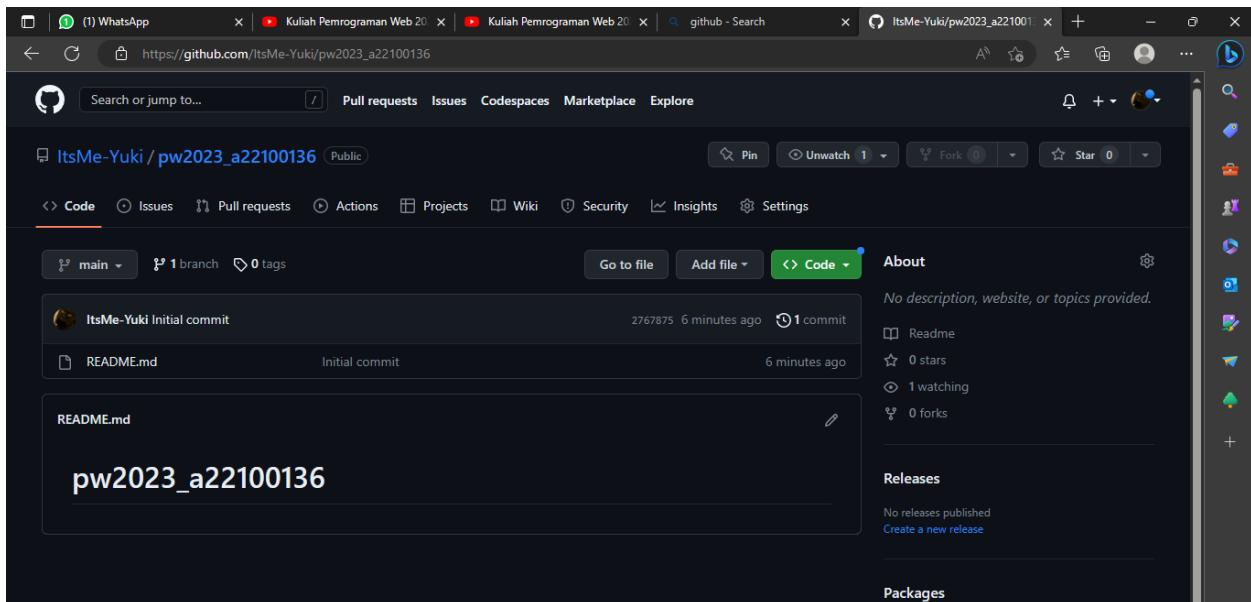
Nama : Yasmine Nurawaliyah

NIM : A22100136

Mata Kuliah : Pengembangan Aplikasi Berbasis Web

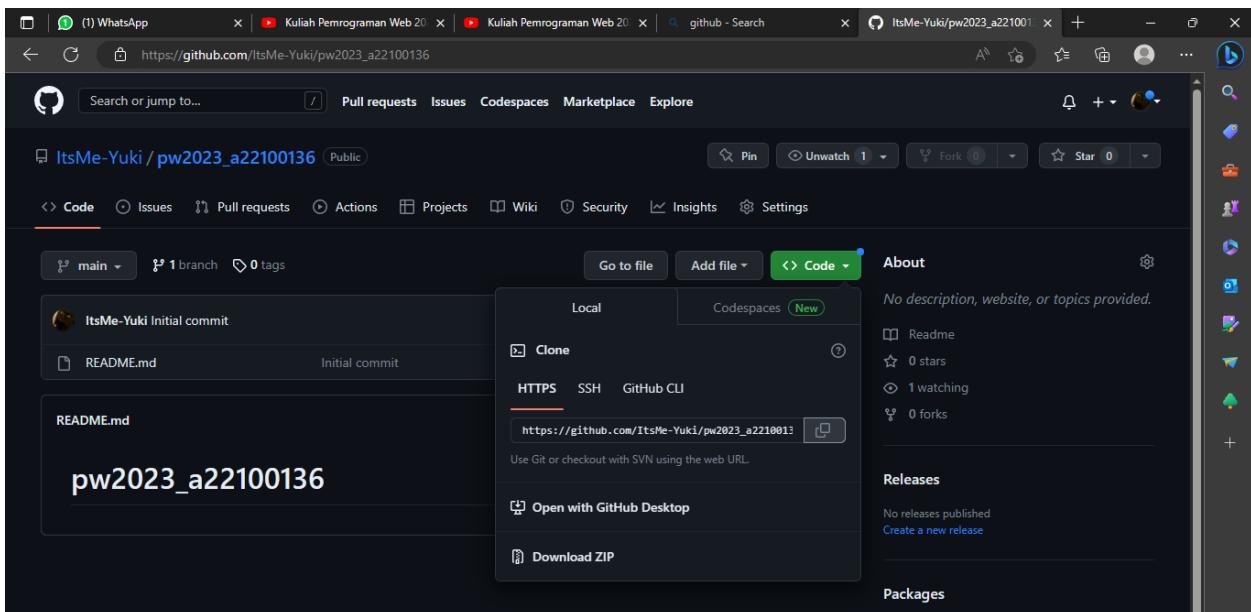
Tugas 6

1. Membuat Repository baru di GitHub

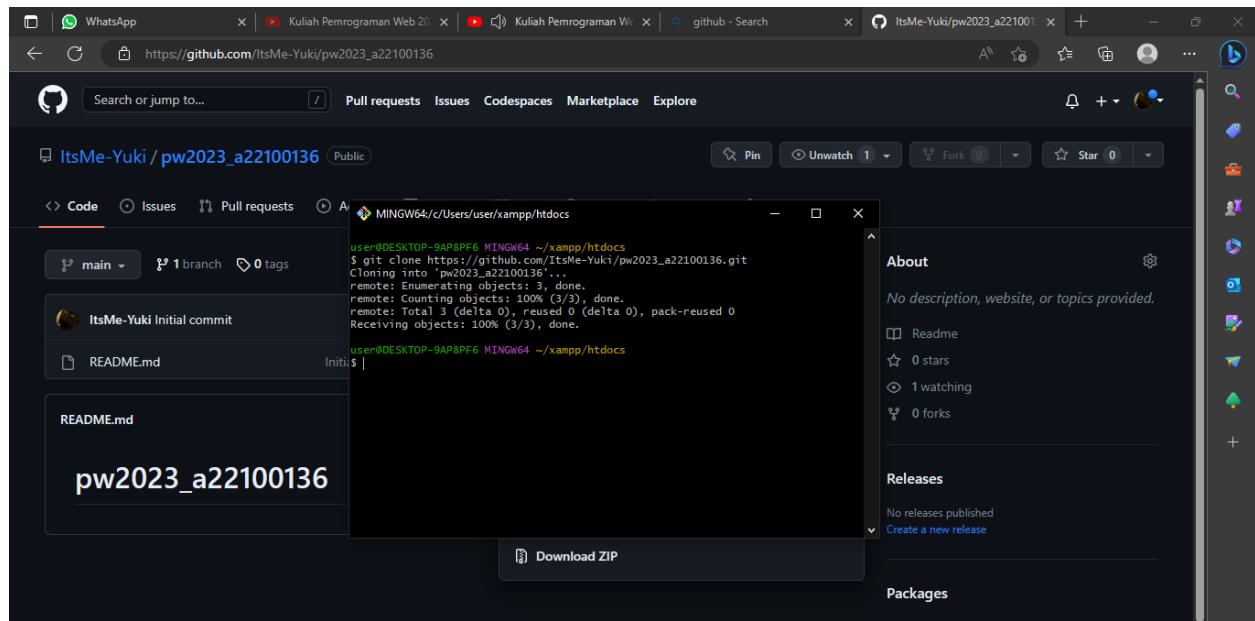


2. Menyalin folder di GitHub ke Local Storage

a) Copy Link Clone di GitHub



b) Perintah git clone diterminal git

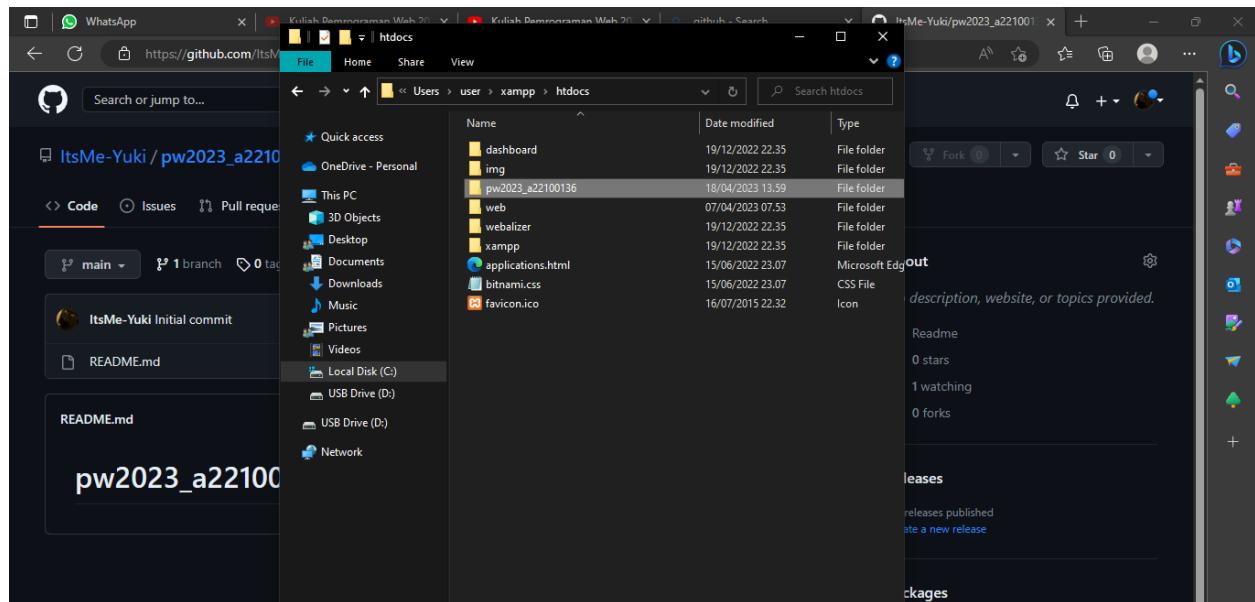


A screenshot of a web browser displaying a GitHub repository page. The URL is https://github.com/ItsMe-Yuki/pw2023_a22100136. The repository name is pw2023_a22100136. The repository details show 1 branch and 0 tags. The README.md file contains the text "pw2023_a22100136". On the right side of the screen, there is a terminal window with the following text:

```
user@DESKTOP-9AP8PF6 MINGW64 ~/xampp/htdocs
$ git clone https://github.com/ItsMe-Yuki/pw2023_a22100136.git
Cloning into 'pw2023_a22100136'...
remote: Enumerating objects: 3, done.
remote: Counting commits: 1, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

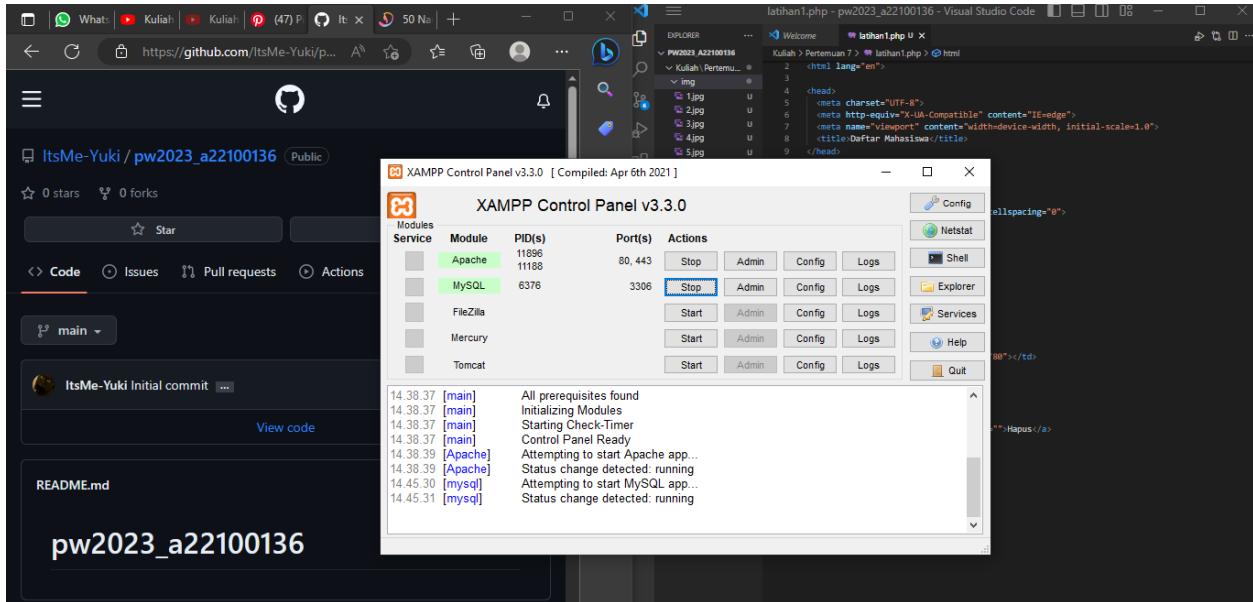
The terminal also shows the command user@DESKTOP-9AP8PF6 MINGW64 ~/xampp/htdocs

c) Hasil

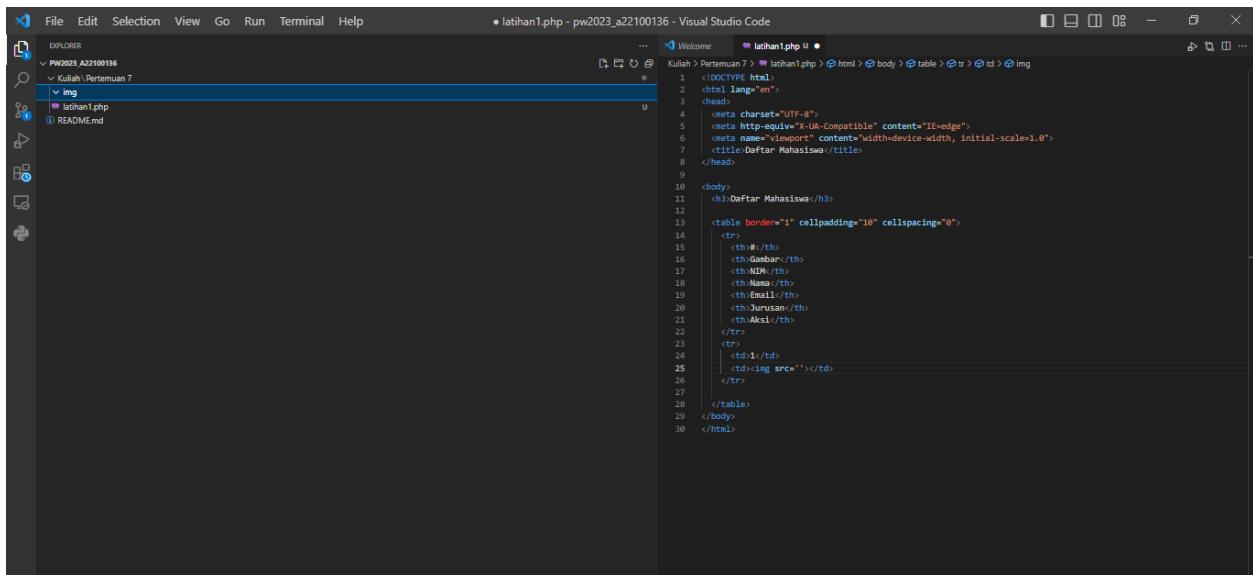


3. Koneksi Database

a) Aktifkan Xampp



b) Membuat file dan folder baru, termasuk gambar



c) Membuat data secara statis

The screenshot shows a web browser window titled "Daftar Mahasiswa" at "localhost/pw2023_a22100136". The page displays a static HTML table with one row of data. The table columns are: #, Gambar, NIM, Nama, Email, Jurusan, and Aksi. The data row is: 1, , A22100001, Luna Emilia, Lunaemilia1@gmail.com, Teknik Informatika, [Ubah](#) | [Hapus](#). To the right of the browser is a Visual Studio Code window showing the source code for "lathian1.php". The code is a simple PHP script that generates the same static HTML table output.

```
lathian1.php - pw2023_a22100136 - Visual Studio Code
...
<?php
$gambar = "1.jpg";
$nim = "A22100001";
$nama = "Luna Emilia";
$email = "Lunaemilia1@gmail.com";
$jurusan = "Teknik Informatika";
$aksi = "<a href='Ubah'>Ubah</a> | <a href='Hapus'>Hapus</a>";

echo "
<!DOCTYPE html>
<html lang='en'>
<head>
    <meta charset='UTF-8'>
    <meta http-equiv='X-UA-Compatible' content='IE=edge'>
    <title>Daftar Mahasiswa</title>
</head>
<body>
    <h3>Daftar Mahasiswa</h3>
    <table border='1' cellpadding='10' cellspacing='0'>
        <tr>
            <th>#</th>
            <th>Gambar</th>
            <th>NIM</th>
            <th>Nama</th>
            <th>Email</th>
            <th>Jurusan</th>
            <th>Aksi</th>
        </tr>
        <tr>
            <td>1</td>
            <td><img src='img/$gambar' width='80'></td>
            <td>$nim</td>
            <td>$nama</td>
            <td>$email</td>
            <td>$jurusan</td>
            <td>$aksi</td>
        </tr>
    </table>
</body>
</html>
";
?>
```

d) Database mahasiswa

The screenshot shows the "mahasiswa" table in the "pw2023_a22100136" database within the phpMyAdmin interface. The table structure includes columns: id, nim, nama, email, jurusan, and gambar. There are three rows of data: 1 (A22100001, Luna Emilia, Lunaemilia1@gmail.com, Teknik Informatika, 1.jpg), 2 (A22100010, Mateo Santiago, Mateosantiago10@gmail.com, Teknik Informatika, 3.jpg), and 3 (A22100025, Naomi Kinsley, Naomikinsley25@gmail.com, Teknik Informatika, 2.jpg). The interface also shows the SQL query used to fetch the data: "SELECT * FROM `mahasiswa`".

	id	nim	nama	email	jurusan	gambar
1	A22100001	Luna Emilia	Lunaemilia1@gmail.com	Teknik Informatika	1.jpg	
2	A22100010	Mateo Santiago	Mateosantiago10@gmail.com	Teknik Informatika	3.jpg	
3	A22100025	Naomi Kinsley	Naomikinsley25@gmail.com	Teknik Informatika	2.jpg	

e) Memilih dari database Mahasiswa

The screenshot shows a dual-monitor setup. The left monitor displays the phpMyAdmin interface for the 'pw2023_a22100136' database, specifically the 'mahasiswa' table. The right monitor shows Visual Studio Code with the file 'latihan1.php' open, displaying PHP code that queries the database and outputs the results into an HTML table.

```

$ SELECT * FROM `mahasiswa`;
+----+----+----+----+----+
| id | nim | nama | email | jurusan |
+----+----+----+----+----+
| 1  | A22100001 | Luna Emilia | lunaemilia@gmail.com | Teknik Informatika |
| 2  | A22100010 | Mateo Santiago | Mateosantiago10@gmail.com | Teknik Informatika |
| 3  | A22100025 | Naomi Kinsley | Naomkinsley25@gmail.com | Teknik Informatika |
+----+----+----+----+----+

```

```

1 <?php
2 // Koneksi ke DB dan Pilih Database
3 $conn = mysqli_connect('localhost', 'root', '', 'pw2023_a22100136');
4
5 // Query isi tabel mahasiswa
6 $result = mysqli_query($conn, "SELECT * FROM mahasiswa");
7
8 // Ubah data ke dalam array
9
10 // Tampung ke variabel mahasiswa
11
12
13 >
14 <!DOCTYPE html>
15 <html lang="en">
16
17 <head>
18 <meta charset="UTF-8">
19 <meta http-equiv="X-UA-Compatible" content="IE=edge">
20 <meta name="viewport" content="width=device-width, initial-scale=1.0">
21 <title>Daftar Mahasiswa</title>
22
23
24 <body>
25 <h3>Daftar Mahasiswa</h3>
26
27 <table border="1" cellpadding="10" cellspacing="0">
28   <tr>
29     <th></th>
30     <th>Gambar</th>
31     <th>NIM</th>
32     <th>Nama</th>
33     <th>Email</th>
34     <th>Jurusan</th>
35     <th>Aksi</th>
36   </tr>
37
38   <tr>
39     <td></td>
40     <td></td>
41     <td>A22100001</td>
42     <td>Luna Emilia</td>
43     <td>lunaemilia@gmail.com</td>
44     <td>Teknik Informatika</td>
45     <td>|<a href="#">Ubah</a> |<a href="#">Hapus</a></td>
46   </tr>
47
48 </table>
49
50 </body>
51
52 </html>

```

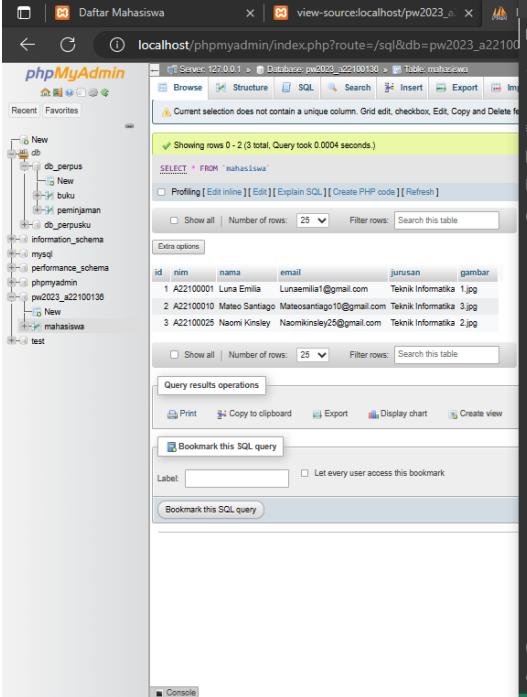
f) Ubah Data ke dalam Array

```

array(3) {
[0]=>
  [string(1)] "1"
  [string(1)] "A22100001"
  [string(1)] "Luna Emilia"
  [string(1)] "lunaemilia@gmail.com"
  [string(1)] "Teknik Informatika"
  [string(1)] "1.jpg"
}
array(3) {
[0]=>
  [string(1)] "2"
  [string(1)] "A22100010"
  [string(1)] "Mateo Santiago"
  [string(1)] "Mateosantiago10@gmail.com"
  [string(1)] "Teknik Informatika"
  [string(1)] "3.jpg"
}
array(3) {
[0]=>
  [string(1)] "3"
  [string(1)] "A22100025"
  [string(1)] "Naomi Kinsley"
  [string(1)] "Naomkinsley25@gmail.com"
  [string(1)] "Teknik Informatika"
  [string(1)] "2.jpg"
}
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Daftar Mahasiswa</title>
</head>
<body>
<h3>Daftar Mahasiswa</h3>
<table border="1" cellpadding="10" cellspacing="0">
<tr>
<th></th>
<th>Gambar</th>
<th>NIM</th>
<th>Nama</th>
<th>Email</th>
<th>Jurusan</th>
<th>Aksi</th>
</tr>
<tr>
<td></td>
<td></td>
<td>A22100001</td>
<td>Luna Emilia</td>
<td>lunaemilia@gmail.com</td>
<td>Teknik Informatika</td>
<td>|<a href="#">Ubah</a> |<a href="#">Hapus</a></td>
</tr>
</table>

```

g) Sudah memiliki variabel mahasiswa yang di ambil dari database



The screenshot shows the MySQL Workbench interface. On the left, the 'Daftar Mahasiswa' table is selected in the 'Tables' section of the 'New' database. The table structure includes columns: id, nim, nama, email, jurusan, and gambar. Data rows are listed:

	id	nim	nama	email	jurusan
1	A2210001	Luna Emilia	Lunesemilia@gmail.com	Teknik Informatika	1.jpg
2	A2210010	Mateo Santiago	Mateosantiago10@gmail.com	Teknik Informatika	3.jpg
3	A2210025	Naomi Kinsley	Naomikinsley25@gmail.com	Teknik Informatika	2.jpg

On the right, the 'latihan1.php' file is open in Visual Studio Code. The code connects to the database and retrieves data from the 'mahasiswa' table:

```

1 // Konkksi ke DB dan Pilih Database
2 $conn = mysqli_connect('localhost', 'root', '', 'pw2023_a22100136');
3
4 // Query isi tabel mahasiswa
5 $result = mysqli_query($conn, "SELECT * FROM mahasiswa");
6
7 // Ambil data ke dalam array
8 $rows = []
9 while ($row = mysqli_fetch_assoc($result)) {
10     $rows[] = $row;
11 }
12
13 // Tampung ke variabel mahasiswa
14 $mahasiswa = $rows;
15
16 ?>
17 <!DOCTYPE html>
18 <html lang="en">
19 <head>
20     <meta charset="UTF-8">
21     <meta http-equiv="X-UA-Compatible" content="IE=edge">
22     <meta name="viewport" content="width=device-width, initial-scale=1.0">
23     <title>Daftar Mahasiswa</title>
24 </head>
25 <body>
26     <h3>Daftar Mahasiswa</h3>
27
28     <table border="1" cellpadding="10" cellspacing="0">
29         <tr>
30             <th>#</th>
31             <th>Gambar</th>
32             <th>NIM</th>
33             <th>Nama</th>
34             <th>Email</th>
35             <th>Jurusan</th>
36             <th>Aksi</th>
37         </tr>
38
39         <tr>
40             <td>1</td>
41             <td></td>
42             <td>A2210001</td>
43             <td>Luna Emilia</td>
44             <td>lunesemilia@gmail.com</td>
45             <td>Teknik Informatika</td>
46             <td><a href="#">Ubah</a> | <a href="#">Hapus</a></td>
47         </tr>
48
49     </table>
50
51 </body>
52
53 </html>

```

h) Melooping array



The screenshot shows the MySQL Workbench interface. On the left, the 'Daftar Mahasiswa' table is selected in the 'New' database. The table structure includes columns: #, Gambar, NIM, Nama, Email, Jurusan, and Aksi. Data rows are listed:

#	Gambar	NIM	Nama	Email	Jurusan	Aksi
1		A2210001	Luna Emilia	Lunesemilia@gmail.com	Teknik Informatika	Ubah Hapus
2		A2210010	Mateo Santiago	Mateosantiago10@gmail.com	Teknik Informatika	Ubah Hapus
3		A2210025	Naomi Kinsley	Naomikinsley25@gmail.com	Teknik Informatika	Ubah Hapus

On the right, the 'latihan1.php' file is open in Visual Studio Code. The code uses a foreach loop to iterate through the \$mahasiswa array and generate table rows:

```

1 // Tampung ke variabel mahasiswa
2 $mahasiswa = $rows;
3
4 ?>
5 <!DOCTYPE html>
6 <html lang="en">
7 <head>
8     <meta charset="UTF-8">
9     <meta http-equiv="X-UA-Compatible" content="IE=edge">
10    <meta name="viewport" content="width=device-width, initial-scale=1.0">
11    <title>Daftar Mahasiswa</title>
12 </head>
13 <body>
14     <h3>Daftar Mahasiswa</h3>
15
16     <table border="1" cellpadding="10" cellspacing="0">
17         <tr>
18             <th>#</th>
19             <th>Gambar</th>
20             <th>NIM</th>
21             <th>Nama</th>
22             <th>Email</th>
23             <th>Jurusan</th>
24             <th>Aksi</th>
25         </tr>
26
27         <?php $i = 1; >
28         <?php foreach ($mahasiswa as $m) : >
29
30             <tr>
31                 <td><?= $i++;></td>
32                 <td></td>
33                 <td><?= $m['nim']; ?></td>
34                 <td><?= $m['nama']; ?></td>
35                 <td><?= $m['email']; ?></td>
36                 <td><?= $m['jurusan']; ?></td>
37                 <td>
38                     <a href="#">Ubah</a> | <a href="#">Hapus</a>
39                 </td>
40             </tr>
41
42         <?php endforeach; >
43
44     </table>
45
46 </body>
47
48 </html>

```

i) Save as menjadi "latihan2.php"

```
'localhost', 'root', '', 'pw2023_a22100136');
```

j) Menambah file baru "functions.php"

```
'localhost', 'root', '', 'pw2023_a22100136');
```

k) Membuat functions koneksi ke database

The screenshot shows a GitHub repository named 'pw2023_a22100136' and its contents in Visual Studio Code. The repository has 0 stars and 0 forks. It contains files for 'Kuliah Pertemuan 7' and 'functions.php'. The 'functions.php' file contains the following code:

```
function koneksi(){
    $conn = mysqli_connect('localhost', 'root', '', 'pw2023_a22100136');
    if (!$conn) {
        die("Gagal terhubung dengan database");
    }
}

function query($query){
    $conn = koneksi();
    $result = mysqli_query($conn, $query);
    $rows = [];
    while ($row = mysqli_fetch_assoc($result)) {
        $rows[] = $row;
    }
    return $rows;
}
```

l) Menghubungkan dengan functions.php

The screenshot shows a browser displaying a table of student data ('Daftar Mahasiswa') and its corresponding code in Visual Studio Code. The browser URL is 'localhost/pw2023_a22100136/Kuliah/Pertemuan%207/latihan2.php'. The table data is as follows:

#	Gambar	NIM	Nama	Email	Jurusan	Aksi
1		A2210001	Luna Emilia	Lunaemilia1@gmail.com	Teknik Informatika	Ubah Hapus
2		A22100010	Mateo Santiago	Mateosantiago10@gmail.com	Teknik Informatika	Ubah Hapus
3		A22100025	Naomi Kinsley	Naomikinsley25@gmail.com	Teknik Informatika	Ubah Hapus

The 'latihan3.php' file in Visual Studio Code contains the following code:

```
<?php
require 'functions.php';
$mahasiswa = query("SELECT * FROM mahasiswa");

<table border='1' cellpadding='10' cellspacing='0'>
<tr>
<th>#</th>
<th>Gambar</th>
<th>NIM</th>
<th>Nama</th>
<th>Email</th>
<th>Jurusan</th>
<th>Aksi</th>
</tr>

<?php $i = 1;
foreach ($mahasiswa as $m) : ?>

<tr>
<td><?php echo $i++ ?></td>
<td></td>
<td><?php echo $m['nim'] ?></td>
<td><?php echo $m['nama'] ?></td>
<td><?php echo $m['email'] ?></td>
<td><?php echo $m['jurusan'] ?></td>
<td>
<a href="#">Ubah | <a href="#">Hapus
</td>
</tr>

<?php endforeach; ?>
</table>
</body>
</html>
```

m) Save as menjadi "latihan3.php"

The screenshot shows a Visual Studio Code window with the following details:

- Title Bar:** latihan3.php - pw2023_a22100136 - Visual Studio Code
- File Explorer:** Shows a GitHub repository structure for "pw2023_a22100136". The "Kuliah" folder contains "Pertemuan 7" which includes "img", "functions.php", "latihan1.php", "latihan2.php", and "latihan3.php".
- Code Editor:** The code for "latihan3.php" is displayed:

```
<?php
require 'functions.php';
$mahasiswa = query("SELECT * FROM mahasiswa");

// Output Data Mahasiswa


| # | Gambar | Nama           | Aksi                         |
|---|--------|----------------|------------------------------|
| 1 |        | Luna Emilia    | <a href="#">Lihat Detail</a> |
| 2 |        | Mateo Santiago | <a href="#">Lihat Detail</a> |
| 3 |        | Naomi Kinsley  | <a href="#">Lihat Detail</a> |


```
- Status Bar:** 5 items | 1 item selected 1,04 KB | State: Shared |

n) Membuat halaman website tidak menampilkan semua data

The screenshot shows a Visual Studio Code window with the following details:

- Title Bar:** Daftar Mahasiswa - view-source:localhost/pw2023_a22100136 - Visual Studio Code
- File Explorer:** Shows a local file structure for "pw2023_a22100136". The "Kuliah" folder contains "Pertemuan 7" which includes "img", "functions.php", "latihan1.php", "latihan2.php", "latihan3.php", and "README.md".
- Code Editor:** The code for "latihan3.php" is displayed, identical to the one in the previous screenshot.
- Browser Preview:** A browser window shows the output of the PHP code, displaying a table with three rows of student data:

#	Gambar	Nama	Aksi
1		Luna Emilia	Lihat Detail
2		Mateo Santiago	Lihat Detail
3		Naomi Kinsley	Lihat Detail

o) Membuat file baru “detail.php”

The screenshot shows a GitHub repository for 'pw2023_a22100136'. In the Explorer sidebar, there is a folder 'Kuliah_Pertemuan_7' containing several files: '1.jpg', '2.jpg', '3.jpg', '4.jpg', '5.jpg', 'detail.php', 'functions.php', 'latihan1.php', 'latihan2.php', and 'latihan3.php'. A new file 'detail.php' is being created in the current workspace. The right-hand panel shows the file structure of the project, with 'detail.php' listed under 'File'. The code editor shows the basic structure of a PHP file.

p) Halaman lihat detail

The screenshot shows a web browser displaying a page titled 'Detail Mahasiswa'. The page features a large circular profile picture of a character with black hair and red eyes. Below the picture, there is a table with student information:

NIM : A2210001
Nama : Luna Emilia
E-mail : Lunaeamilia@gmail.com
Jurusan : Teknik Informatika
Ubah
Hapus
Kembali ke daftar mahasiswa

The browser's address bar shows the URL 'localhost/pw2023_a22100136/Kuliah/Pertemuan%207/detail'. The right-hand panel of the browser interface shows the source code of the 'detail.php' file, which includes the HTML structure and the student's details.

q) Menampilkan data sesuai ID



```

array(1) { [0]=> array(6) { ["id"]=> string(1) "2" ["nim"]=> string(9) "A22100010" ["nama"]=> string(14) "Natalia Santiago" ["email"]=> string(25) "natalia.santiago.13@unimed.ac.id" ["jurusan"]=> string(15) "Teknik Informatika" ["ubah"]=> string(1) "1" } }

```

Detail Mahasiswa

- NIM : A22100013
- Nama : Luna Emilia
- Email : Lunamemilia@gmail.com
- Jurusan : Teknik Informatika
- [Ubah](#)

[Home](#)
[Kembali ke daftar mahasiswa](#)

```

<?php
require 'functions.php';
// Ambil ID dari URL
$id = $_GET['id'];
// Query mahasiswa berdasarkan ID
$mahasiswa = query("SELECT * FROM mahasiswa WHERE id = $id");
var_dump($mahasiswa);
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Detail Mahasiswa</title>
</head>
<body>
    <h3>Detail Mahasiswa</h3>
    <ul>
        <li></li>
        <li>NIM : A22100013</li>
        <li>Nama : Luna Emilia</li>
        <li>Email : Lunamemilia@gmail.com</li>
        <li>Jurusan : Teknik Informatika</li>
        <li><a href="#">Ubah</a> <a href="#">Kembali ke daftar mahasiswa</a></li>
    </ul>
</body>
</html>

```

OneDrive
Screenshot saved
The screenshot was added to your OneDrive.



```

array(1) { [0]=> array(6) { ["id"]=> string(1) "2" ["nim"]=> string(9) "A22100010" ["nama"]=> string(14) "Natalia Santiago" ["email"]=> string(25) "natalia.santiago.13@unimed.ac.id" ["jurusan"]=> string(15) "Teknik Informatika" ["ubah"]=> string(1) "1" } }

```

Detail Mahasiswa

- NIM : A22100013
- Nama : Naomi Kingsley
- Email : Lunamemilia@gmail.com
- Jurusan : Teknik Informatika
- [Ubah](#)

[Home](#)
[Kembali ke daftar mahasiswa](#)

```

<?php
require 'functions.php';
// Ambil ID dari URL
$id = $_GET['id'];
// Query mahasiswa berdasarkan ID
$mahasiswa = query("SELECT * FROM mahasiswa WHERE id = $id");
var_dump($mahasiswa);
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Detail Mahasiswa</title>
</head>
<body>
    <h3>Detail Mahasiswa</h3>
    <ul>
        <li></li>
        <li>NIM : A22100013</li>
        <li>Nama : Luna Emilia</li>
        <li>Email : Lunamemilia@gmail.com</li>
        <li>Jurusan : Teknik Informatika</li>
        <li><a href="#">Ubah</a> <a href="#">Kembali ke daftar mahasiswa</a></li>
    </ul>
</body>
</html>

```

r) Hasil



localhost/pw2023_a22100136/Kuliah/Pertemuan%207/detail.php?id=1

Detail Mahasiswa

NIM: A22100001
Nama: Lina Emilia
Email: Linaemilia@gmail.com
Jurusan: Teknik Informatika
Ubah
Hapus
Kembali ke daftar mahasiswa

```
latihan3.php U detail.php U latihan2.php U functions.php U
Kuliah > Pertemuan 7 > detail.php > HTML
1 <?php
2 require 'functions.php';
3
4 // Ambil ID dari URL
5 $id = $_GET['id'];
6
7 // Query mahasiswa berdasarkan ID
8 $m = query("SELECT * FROM mahasiswa WHERE id = $id") [0];
9
10 <?xml version="1.0" encoding="UTF-8"?
11 <!DOCTYPE html>
12 <html lang="en">
13
14 <head>
15   <meta charset="UTF-8">
16   <meta http-equiv="X-UA-Compatible" content="IE=edge">
17   <meta name="viewport" content="width=device-width, initial-scale=1.0">
18   <title>Detail Mahasiswa</title>
19 </head>
20
21 <body>
22   <h3>Detail Mahasiswa</h3>
23   <ul>
24     <li>Ubah</a> <a href="#">Hapus</a></li>
30     <li><a href="#">latihan3.php">Kembali ke daftar mahasiswa</a></li>
31   </ul>
32 </body>
33
34 </html>
```



localhost/pw2023_a22100136/Kuliah/Pertemuan%207/detail.php?id=2

Detail Mahasiswa

NIM: A22100010
Nama: Mateo Santiago
Email: Mateosantiago10@gmail.com
Jurusan: Teknik Informatika
Ubah
Hapus
Kembali ke daftar mahasiswa

```
latihan3.php U detail.php U latihan2.php U functions.php U
Kuliah > Pertemuan 7 > detail.php > HTML
1 <?php
2 require 'functions.php';
3
4 // Ambil ID dari URL
5 $id = $_GET['id'];
6
7 // Query mahasiswa berdasarkan ID
8 $m = query("SELECT * FROM mahasiswa WHERE id = $id") [0];
9
10 <?xml version="1.0" encoding="UTF-8"?
11 <!DOCTYPE html>
12 <html lang="en">
13
14 <head>
15   <meta charset="UTF-8">
16   <meta http-equiv="X-UA-Compatible" content="IE=edge">
17   <meta name="viewport" content="width=device-width, initial-scale=1.0">
18   <title>Detail Mahasiswa</title>
19 </head>
20
21 <body>
22   <h3>Detail Mahasiswa</h3>
23   <ul>
24     <li>Ubah</a> <a href="#">Hapus</a></li>
30     <li><a href="#">latihan3.php">Kembali ke daftar mahasiswa</a></li>
31   </ul>
32 </body>
33
34 </html>
```

localhost/pw2023_a22100136/Kuliah/Pertemuan%207/detail.php?id=1

Detail Mahasiswa



NIM : A2210025
 Nama : Naomi Kimley
 Email : Naomikimley25@gmail.com
 Jurusan : Teknik Informatika
[Ubah](#)

[Home](#)
[Kembali ke daftar mahasiswa](#)

```

1 <?php
2   require 'functions.php';
3
4 // Ambil ID dari URL
5 $id = $_GET['id'];
6
7 // Query mahasiswa berdasarkan ID
8 $query = "SELECT * FROM mahasiswa WHERE id = $id";
9
10 $result = query($query);
11
12 while ($row = mysqli_fetch_assoc($result)) {
13   $nim = $row['nim'];
14   $name = $row['name'];
15   $aksi = $row['aksi'];
16   $jurusan = $row['jurusan'];
17 }
18
19 <?>
20 <!DOCTYPE html>
21 <html lang="en">
22   <head>
23     <meta charset="UTF-8">
24     <meta http-equiv="X-UA-Compatible" content="IE=edge">
25     <meta name="viewport" content="width=device-width, initial-scale=1.0">
26     <title>Detail Mahasiswa</title>
27   </head>
28   <body>
29     <h3>Detail Mahasiswa</h3>
30     <ul>
31       <li></li>
32       <li>NIM : <a href="#">$nim</a>;</li>
33       <li>Nama : <a href="#">$name</a>;</li>
34       <li>Aksi : <a href="#">$aksi</a>;</li>
35       <li>Jurusan : <a href="#">$jurusan</a>;</li>
36       <li><a href="#">Ubah</a> <a href="#">Hapus</a></li>
37     </ul>
38   </body>
39 </html>

```

4. Insert Data

a) Menambah file baru "tambah.php"

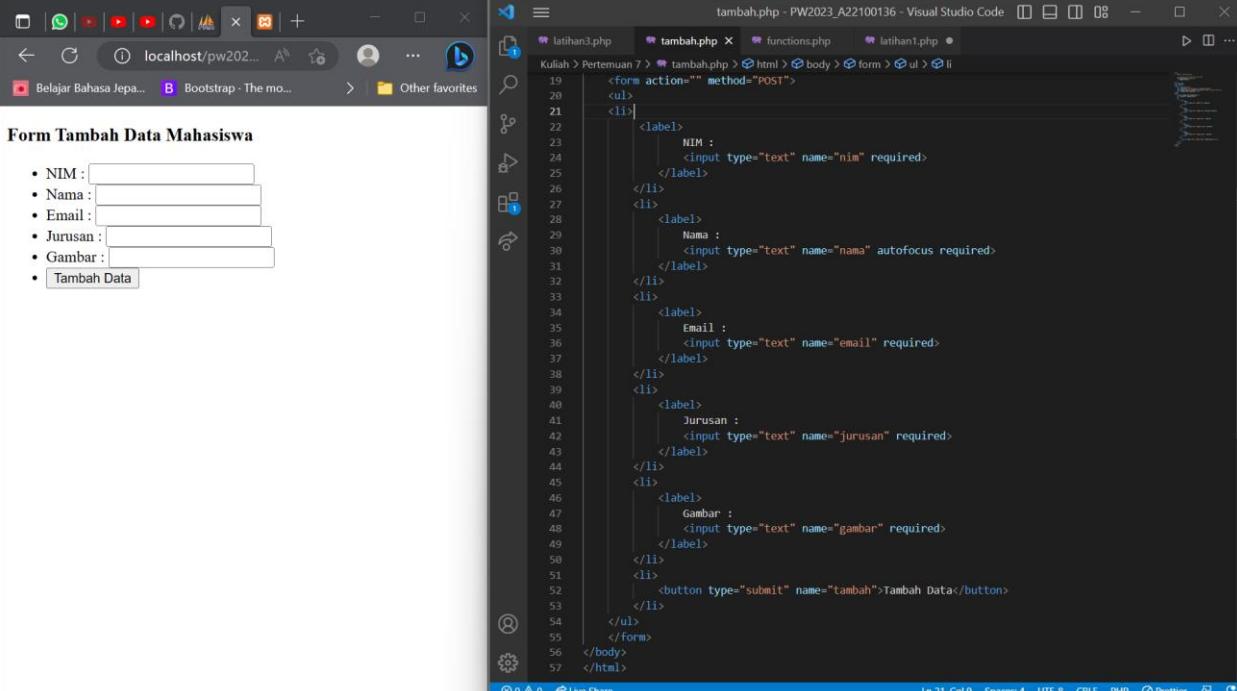
localhost/pw2023_a22100136/Kuliah/Pertemuan%207/tambah.php

```

1 <?php
2   $mahasiswa = query("SELECT * FROM mahasiswa");
3
4 <?>
5 <!DOCTYPE html>
6 <html lang="en">
7   <head>
8     <meta charset="UTF-8">
9     <meta http-equiv="X-UA-Compatible" content="IE=edge">
10    <meta name="viewport" content="width=device-width, initial-scale=1.0">
11    <title>Daftar Mahasiswa</title>
12  </head>
13
14  <body>
15    <h3>Daftar Mahasiswa</h3>
16
17    <a href="tambah.php">Tambah Data Mahasiswa</a>
18    <br><br>
19
20    <table border="1" cellpadding="10" cellspacing="0">
21      <thead>
22        <tr>
23          <th>#</th>
24          <th>Gambar</th>
25          <th>Nama</th>
26          <th>Aksi</th>
27        </tr>
28
29      <?php $i = 1;
30      foreach ($mahasiswa as $m) : ?>
31
32        <tr>
33          <td>= $i++; ?&gt;&lt;/td&gt;
34          &lt;td&gt;&lt;img src="img/$_SESSION['gambar'];" width="80"&gt;&lt;/td&gt;
35          &lt;td&gt;<?= $m['nama']; ?&gt;&lt;/td&gt;
36          &lt;td&gt;
37            | &lt;a href="detail.php?id=<?= $m['id']; ?&gt;"Lihat Detail</a>
38          </td>
39        </tr>
40
41    </table>

```

b) Membuat form HTML Tambah Data Mahasiswa



```
<?php
$nim = htmlspecialchars($_POST['nim']);
$nama = htmlspecialchars($_POST['nama']);
$email = htmlspecialchars($_POST['email']);
$jurusan = htmlspecialchars($_POST['jurusan']);
$gambar = htmlspecialchars($_POST['gambar']);

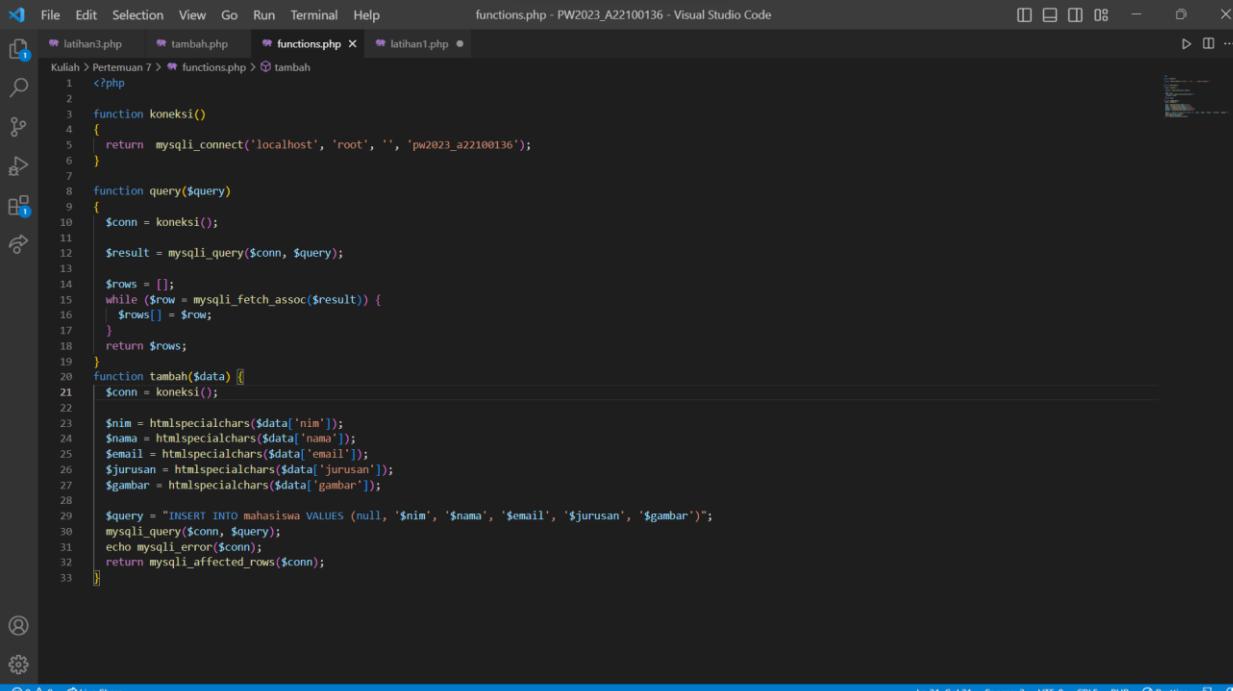
$query = "INSERT INTO mahasiswa VALUES (null, '$nim', '$nama', '$email', '$jurusan', '$gambar')";
mysqli_query($conn, $query);
echo mysqli_error($conn);
return mysqli_affected_rows($conn);
}

function tambah($data) {
    $conn = koneksi();
    $nim = htmlspecialchars($data['nim']);
    $nama = htmlspecialchars($data['nama']);
    $email = htmlspecialchars($data['email']);
    $jurusan = htmlspecialchars($data['jurusan']);
    $gambar = htmlspecialchars($data['gambar']);

    $query = "INSERT INTO mahasiswa VALUES (null, '$nim', '$nama', '$email', '$jurusan', '$gambar')";
    mysqli_query($conn, $query);
    echo mysqli_error($conn);
    return mysqli_affected_rows($conn);
}

```

c) Membuat functions tambah



```
<?php
$nim = htmlspecialchars($_POST['nim']);
$nama = htmlspecialchars($_POST['nama']);
$email = htmlspecialchars($_POST['email']);
$jurusan = htmlspecialchars($_POST['jurusan']);
$gambar = htmlspecialchars($_POST['gambar']);

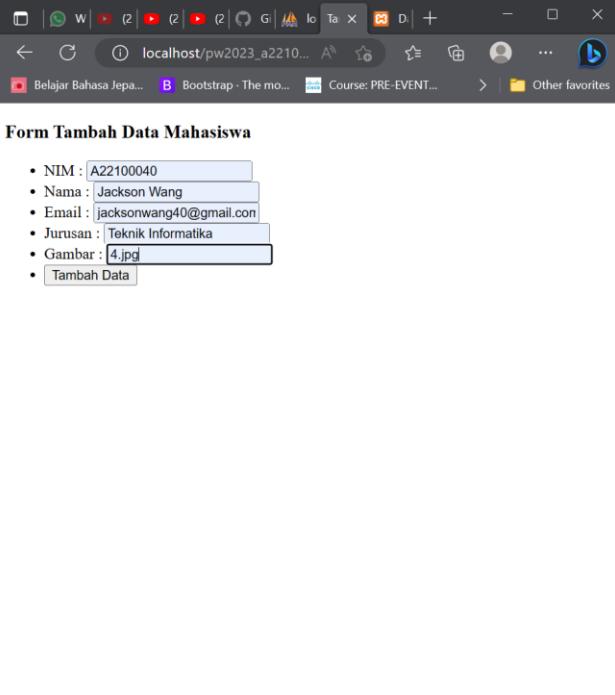
$query = "INSERT INTO mahasiswa VALUES (null, '$nim', '$nama', '$email', '$jurusan', '$gambar')";
mysqli_query($conn, $query);
echo mysqli_error($conn);
return mysqli_affected_rows($conn);
}

function tambah($data) {
    $conn = koneksi();
    $nim = htmlspecialchars($data['nim']);
    $nama = htmlspecialchars($data['nama']);
    $email = htmlspecialchars($data['email']);
    $jurusan = htmlspecialchars($data['jurusan']);
    $gambar = htmlspecialchars($data['gambar']);

    $query = "INSERT INTO mahasiswa VALUES (null, '$nim', '$nama', '$email', '$jurusan', '$gambar')";
    mysqli_query($conn, $query);
    echo mysqli_error($conn);
    return mysqli_affected_rows($conn);
}

```

d) Coba Isi Data dan lihat di database



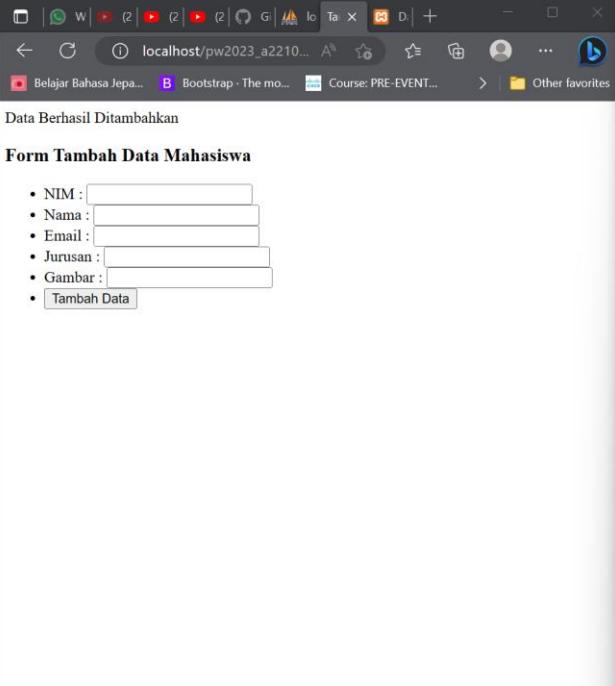
```

        <?php
        require 'functions.php';

        //cek apakah tombol tambah sudah ditekan
        if(isset($_POST['tambah'])){
            if ( tambah($_POST) > 0 ) {
                echo "Data Berhasil Ditambahkan";
            } else {
                echo "Data Gagal Ditambah";
            }
        }
    >
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>tambah Data Mahasiswa</title>
</head>
<body>
    <h3>Form Tambah Data Mahasiswa</h3>
    <form action="" method="POST">
        <ul>
            <li>
                <label>
                    NIM :
                    <input type="text" name="nim" required>
                </label>
            </li>
            <li>
                <label>
                    Nama :
                    <input type="text" name="nama" autofocus required>
                </label>
            </li>
            <li>
                <label>
                    Email :
                    <input type="text" name="email" required>
                </label>
            </li>
            <li>
                <label>
                    Jurusan :
                    <input type="text" name="jurusan" required>
                </label>
            </li>
            <li>
                <label>
                    Gambar :
                    <input type="text" name="gambar" required>
                </label>
            </li>
        </ul>
        <input type="submit" value="Submit" required>
    </form>
</body>

```

Live Share In 6, Col 28 Spaces: 4 UTF-8 CRLF PHP Prettier



```

        <?php
        function koneksi(){
            return mysqli_connect('localhost', 'root', '', 'pw2023_a22100136');
        }

        function query($query){
            $conn = koneksi();
            $result = mysqli_query($conn, $query);

            $rows = [];
            while ($row = mysqli_fetch_assoc($result)) {
                $rows[] = $row;
            }
            return $rows;
        }

        function tambah($data) {
            $conn = koneksi();
            $nim = $data['nim'];
            $nama = $data['nama'];
            $email = $data['email'];
            $jurusan = $data['jurusan'];
            $gambar = $data['gambar'];

            $query = "INSERT INTO mahasiswa VALUES (null, '$nim', '$nama', '$email', '$jurusan', '$gambar')";
            mysqli_query($conn, $query);
            echo mysqli_error($conn);
            return mysqli_affected_rows($conn);
        }
    >

```

Live Share In 27, Col 29 Spaces: 2 UTF-8 CRLF PHP Prettier

Screenshot of a web browser showing multiple tabs open, including WhatsApp, YouTube, GitHub, localhost, Tambah Data, Daftar Mahasiswa, Belajar Bahasa Jepan, Bootstrap, Course: PRE-EVENT..., Course | CSS3's We..., diagrams.net, W3Schools Online..., Spotify - Web Player, and Other favorites.

Daftar Mahasiswa

[Tambah Data Mahasiswa](#)

#	Gambar	Nama	Aksi
1		Luna Emilia	Lihat Detail
2		Mateo Santiago	Lihat Detail
3		Naomi Kinsley	Lihat Detail
4		Jackson Wang	Lihat Detail

Screenshot of the phpMyAdmin interface showing the 'mahasiswa' table in the 'pw2023_a22100136' database.

Query results:

```
Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)
SELECT * FROM `mahasiswa`
```

Operations:

- Show all
- Number of rows: 25
- Filter rows: Search this table
- Sort by key: None
- Extra options

	id	nim	nama	email	jurusan	gambar
<input type="checkbox"/>	1	A22100001	Luna Emilia	Lunaemilia1@gmail.com	Teknik Informatika	1.jpg
<input type="checkbox"/>	2	A22100010	Mateo Santiago	Mateosantiago10@gmail.com	Teknik Informatika	3.jpg
<input type="checkbox"/>	3	A22100025	Naomi Kinsley	Naomikinsley25@gmail.com	Teknik Informatika	2.jpg
<input type="checkbox"/>	4	A22100040	Jackson Wang	jacksonwang40@gmail.com	Teknik Informatika	4.jpg

With selected: Edit Copy Delete

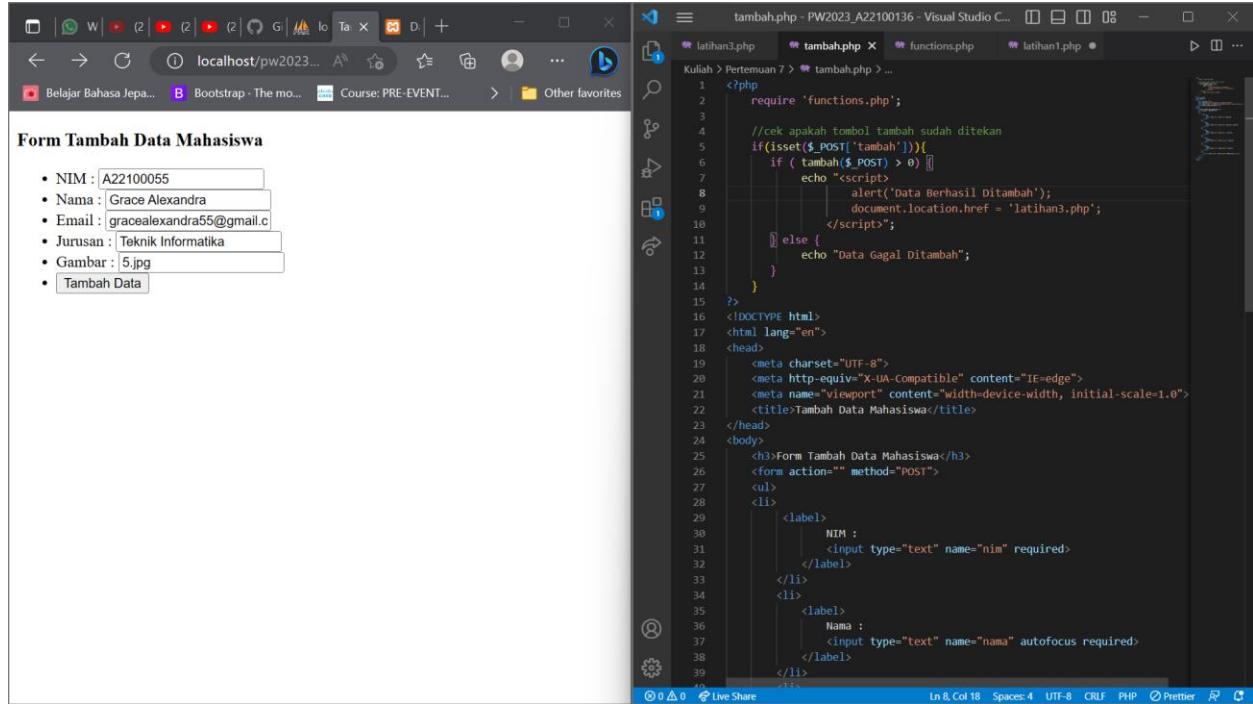
Operations:

- Show all
- Number of rows: 25
- Filter rows: Search this table
- Sort by key: None

Query results operations:

- Print
- Copy to clipboard
- Export
- Display chart
- Create view
- Console

e) Opsi lain, setelah data berhasil di tambah akan langsung kembali ke halaman utama



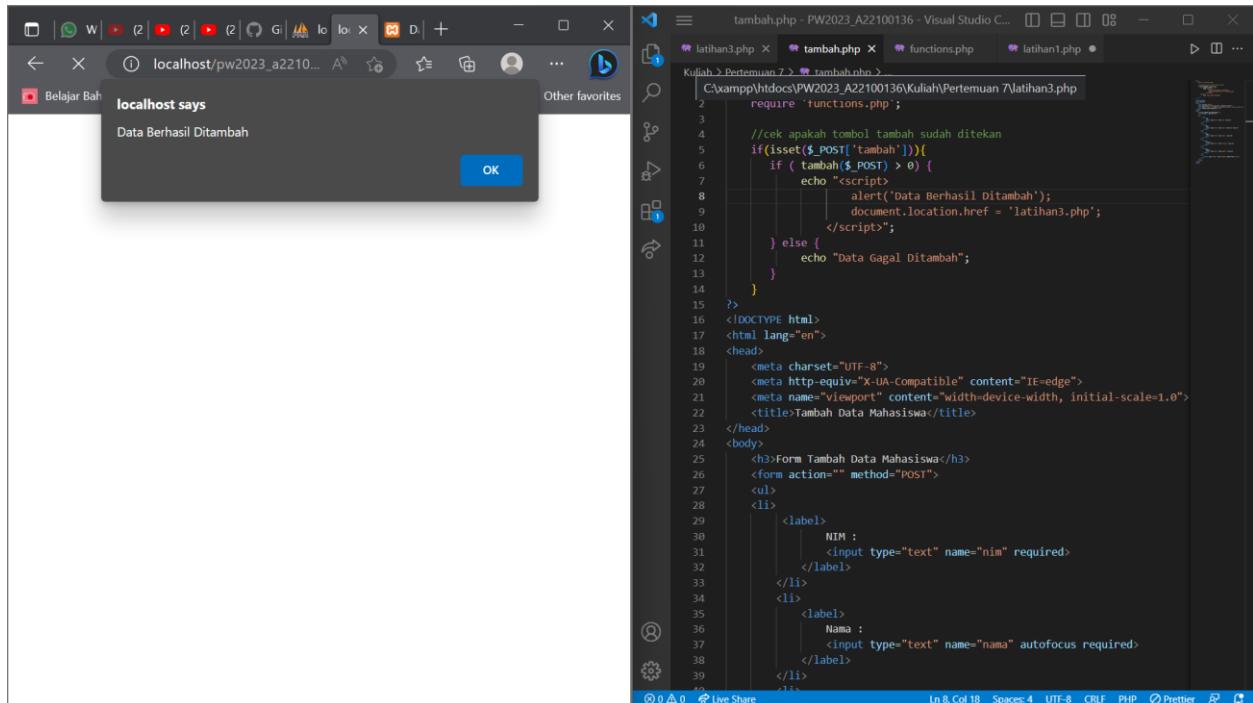
The screenshot shows the Visual Studio Code interface with two tabs open: 'tambah.php' and 'latihan3.php'. The 'tambah.php' tab contains the following PHP code:

```
<?php
    require 'functions.php';

    //cek apakah tombol tambah sudah ditekan
    if(isset($_POST['tambah'])){
        if ( tambah($_POST) > 0 ) {
            echo "<script>
                alert('Data Berhasil Ditambah');
                document.location.href = 'latihan3.php';
            </script>";
        } else {
            echo "Data Gagal Ditambah";
        }
    }
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>tambah Data Mahasiswa</title>
</head>
<body>
    <h3>Form Tambah Data Mahasiswa</h3>
    <form action="" method="POST">
        <ul>
            <li>
                <label>
                    NIM :
                    <input type="text" name="nim" required>
                </label>
            </li>
            <li>
                <label>
                    Nama :
                    <input type="text" name="nama" autofocus required>
                </label>
            </li>
        </ul>
    </form>
</body>

```

The browser window shows the 'Form Tambah Data Mahasiswa' page with fields for NIM, Name, and a file input for Gambar. A 'Tambah Data' button is present.



The screenshot shows the Visual Studio Code interface with two tabs open: 'tambah.php' and 'latihan3.php'. The 'tambah.php' tab contains the same PHP code as before. The browser window shows a modal dialog from 'localhost' with the message 'Data Berhasil Ditambah' and an 'OK' button.

The screenshot shows a web browser window with a table of student data and an adjacent code editor.

Table Data:

#	Gambar	Nama	Aksi
1		Luna Emilia	Lihat Detail
2		Mateo Santiago	Lihat Detail
3		Naomi Kinsley	Lihat Detail
4		Jackson Wang	Lihat Detail
5		Grace Alexandra	Lihat Detail

Code Editor (tambah.php):

```

1 <?php
2     require 'functions.php';
3
4     //cek apakah tombol tambah sudah ditekan
5     if(isset($_POST['tambah'])) {
6         if ( tambah($_POST) > 0 ) {
7             echo "<script>";
8                 alert('Data berhasil Ditambah');
9                 document.location.href = 'latihan3.php';
10            </script>";
11        } else {
12            echo "Data Gagal Ditambah";
13        }
14    }
15 ?>
16 <!DOCTYPE html>
17 <html lang="en">
18 <head>
19     <meta charset="UTF-8">
20     <meta http-equiv="X-UA-Compatible" content="IE=edge">
21     <meta name="viewport" content="width=device-width, initial-scale=1.0">
22     <title>Tambah Data Mahasiswa</title>
23 </head>
24 <body>
25     <h3>Form Tambah Data Mahasiswa</h3>
26     <form action="" method="POST">
27         <ul>
28             <li>
29                 <label> NIM : </label>
30                 <input type="text" name="nim" required>
31             </li>
32             <li>
33                 <label> Nama : </label>
34                 <input type="text" name="nama" autofocus required>
35             </li>
36             <li>
37                 <input type="submit" value="Simpan" />
38             </li>
39         </ul>
40     </form>
41 </body>
42 </html>

```

The screenshot shows the phpMyAdmin interface for the 'mahasiswa' table.

Table Structure:

- id
- nim
- nama
- email
- jurusan
- gambar

Data Rows:

1	A2210001	Luna Emilia	Lunaeamilia1@gmail.com	Teknik Informatika	1.jpg
2	A22100010	Mateo Santiago	Mateosantiago10@gmail.com	Teknik Informatika	3.jpg
3	A22100025	Naomi Kinsley	Naomikinsley25@gmail.com	Teknik Informatika	2.jpg
4	A22100040	Jackson Wang	jacksonwang40@gmail.com	Teknik Informatika	4.jpg
5	A22100055	Grace Alexandra	gracealexandra55@gmail.com	Teknik Informatika	5.jpg