

PRAKTIKUM
PEMROGRAMAN WEB
SEMESTER GENAP TAHUN AKADEMIK 2021/2022

Tanggal

30 Mei 2022

Materi

PHP dan Database

BAB I

DASAR TEORI

- ∴ MySQL API (Application Programming Interface) merupakan komponen yang digunakan untuk berkomunikasi dengan database MySQL melalui PHP.
- ∴ Proses Query Database
 - Membuat koneksi ke server database dan menentukan database yang akan digunakan.
 - Membuat SQL (Structure Query Language)
 - Melakukan proses query
 - Mengumpulkan hasil query kedalam sebuah variabel untuk ditampilkan / diproses

∴ MySQLi

MySQL Improved (MySQLi) merupakan peningkatan terhadap pengaksesan terhadap database MySQL yang merupakan perkembangan dari PHP 5.x atau yang terbaru. Dengan menggunakan MySQLi memungkinkan untuk mengakses Stored Procedure, Stored Function atau Prepared Statement.

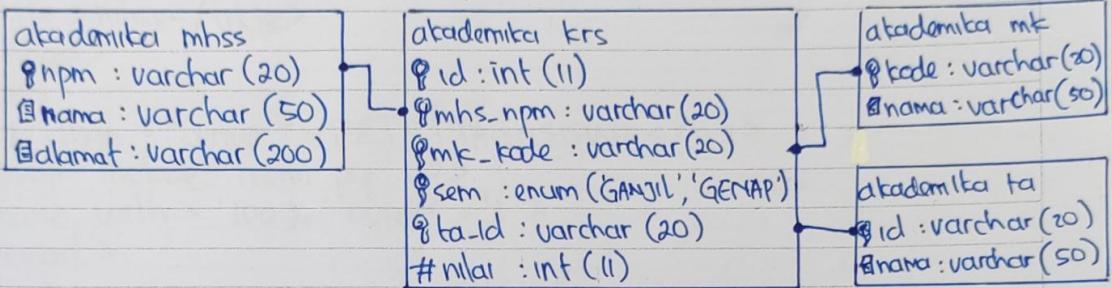
MySQLi extension memiliki sejumlah manfaat diantaranya adalah :

- Menggunakan interface object oriented
- Mendukung penggunaan prepared statement
- Mendukung penggunaan transaction
- Meningkatkan terhadap kemampuan pencarian kesalahan program (debugging)
- Mendukung penggabungan server.

BAB II

PERCOBAAN DAN LATIHAN

∴ Database akademika.



∴ koneksi.php

```

<?php
$servername = 'localhost';
$username = 'root';
$password = '';
$dbname = 'akademika';
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error) {
die ("Connection failed : ". $conn->connect_error);
}
?>
  
```

∴ menu.php

```

<a href = "mhs.php">LIHAT </a> | <a href = "mhs-add.php">
TAMBAH</a>
  
```

∴ mhs.php

```

<?php
include 'koneksi.php';
include 'Index.php';
?>
  
```

BAB II

```
<!DOCTYPE html>
<html>
<head>
<title>mhs</title>
</head>
<body>
<h2 align = "center">DATA MAHASISWA</h2>
<?php include 'menu.php';?>
<table width = '100 %' border = '1'>
<thead>
<tr>
<th width = '5 %'>No.</th>
<th width = '5 %'>Act </th>
<th width = '10 %'> NPM </th>
<th width = '10 %'> Nama </th>
<th width = '10 %'> Alamat </th>
</tr>
</thead>
</tbody>
<?php
$sql = "SELECT * FROM mhs ";
$res = $conn -> query ($sql);
if ($res -> num_rows > 0) {
    $i = 0;
    while ($dat = $res -> fetch_assoc ()) {
        $i++;
        echo "<tr>
<td><a href = 'mhs_detail.php ? npm = ". $dat ['npm'] . "'>Edit
</a></td>
<td>". $dat ['npm'] . "</td>
<td>". $dat ['nama'] . "</td>
<td>". $dat ['alamat'] . "</td>
</tr>";
    }
}
?>
```

BAB II

```
</tbody>
</table>
</body>
</html>
```

∴ mhs-add.php

```
<!DOCTYPE html>
<html>
<head>
<title>mhs add</title>
</head>
<body>
<h2>Tambah Data Mahasiswa</h2>
<?php include 'menu.php';?>
<br>
<form name = "myform" action = "mhs-proc.php" method = "POST">
> NPM
<br>
<input type = "text" name = "npm" id = "npm">
<br> Nama
<br>
<input type = "text" name = "nama" id = "nama" size = "30">
<br> Alamat <br>
<input type = "text" name = "alamat" id = "alamat" size = "50">
<br>
<input type = "submit" name = "submit-add" id = "submit-add"
value = "SIMPAN">
</form>
</body>
</html>
```

∴ mhs-detail.php

```
<?php
include 'koneksi.php';
```

BAB II

```

$npm = $_GET['npm'];
$sql = "SELECT * FROM mhss WHERE npm = '$npm'";
$res = $conn->query($sql);
$dat = $res->fetch_assoc();
?>
<!DOCTYPE html>
<html>
<head>
<title>mhs edit </title>
</head>
<body>
<?php include 'menu.php'; ?>
<br>
<form name="myform" action="mhs-proc.php" method="POST">
NPM <br>
<input type="text" name="npm" id="npm" value="<?php echo
$dat['npm'] ?>">
<br> Nama <br>
<input type="text" name="nama" id="nama" size="30" value=""
<?=$dat['nama'] ?>">
<br> Alamat <br>
<input type="text" name="alamat" id="alamat" size="50" value=""
<?=$dat['alamat'] ?>">
<br>
<input type="submit" name="submit-edit" id="submit-edit".....
<input type="submit" name="submit-delete" id="submit-delete".....
</form>
</body>
</html>

:: mhs-proc.php

<?php
include 'koneksi.php';
if (isset($_POST['submit-edit'])) {
$npm = $_POST['npm'];

```

```
$nama = $_POST['nama'];
$alamat = $_POST['alamat'];
$sql = "INSERT INTO mhs (npm, nama, alamat)
VALUES ('$npm', '$nama', '$alamat')";

if (! $conn->query($sql)){
die ('Tambah MHS Gagal');
}

else {
header ("Location : mhs.php");
}

if (isset($_POST['submit-edit'])){
$npm = $_POST['npm'];
$nama = $_POST['nama'];
$alamat = $_POST['alamat'];

$sql = "UPDATE mhs SET nama = '$nama', alamat = '$alamat'
WHERE npm = '$npm'";

if (! $conn->query($sql)){
die ('Edit MHS Gagal');
}

else {
header ("Location : mhs.php");
}

if (isset($_POST['submit-delete'])){
$npm = $_POST['npm'];
$sql = "DELETE FROM mhs WHERE npm = '$npm'";
if (! $conn->query($sql)){
die ('Hapus MHS Gagal');
}

else {
header ("Location : mhs.php");
}
}
?>
```

BAB II

PERCOBAAN DAN LATIHAN

LATIHAN

∴ Krs .php.

```

<?php
include 'koneksi.php';
include 'index.php';
?>
<!DOCTYPE html>
<html>
<head>
<title>KRS MAHASISWA</title>
</head>
<body>
<h2 align="center">KRS MAHASISWA</h2>
<a href = "krs.php" >LIHAT</a> | <a href = "krs-add.php" >
TAMBAH</a>
<table width = '100%' border = '1'>
<thead>
<tr>
<th width = '2%'> No. </th>
<th width = '5%'> Nama </th>
<th width = '5%'> ID </th>
<th width = '15%'> mhs-npm </th>
<th width = '5%'> mk-kode </th>
<th width = '5%'> sem </th>
<th width = '5%'> ta-id </th>
<th width = '5%'> nilai </th>
</tr>
</thead>
<tbody>
<?php
$sql = "SELECT * FROM krs";
$res = $conn->query($sql);
if ($res->num-rows > 0) {

```

BAB II

```

$ i = 0;
while ($dat = $ress -> fetch_assoc()) {
    $ i++;
    echo "<tr align = 'center'>
<td>$i </td>
<td><a href = 'krs_detail.php ? id = ". $dat ['id'] , "> Edit
</a></td>
<td>". $dat ["id"]. "</td>
<td>". $dat ["mhs-npm"]. "</td>
<td>". $dat ["mk-tode"]. "</td>
<td>". $dat ["sem"]. "</td>
<td>". $dat ["ta-(d)]. "</td>
<td>". $dat ["nilai"]. "</td>
</tr>";
}
}
?>
</tbody>
</table>
</body>
</html>

```

∴ krs-add.php

```

<?php
include "koneksi.php";
?>
<!DOCTYPE html>
<html>
<head>
<meta charset = "utf-8">
<title> KRS </title>
</head>
<body>
<h2> Tambah Data KRS </h2>
< href = "krs.php "> LIHAT </a> | <a href = "krs-add.php ">

```

BAB II

```

TAMBAH </a>
<br>
<form action = "trs-proc.php" method = "post">
ID <br>
<input type = "text" name = "id"><br>
Npm - Nama <br>
<select name = "mhs-npm">
<?php
$sql = "SELECT * FROM mhs";
$res = $conn -> query($sql);
while ($rows = $res -> fetch-array(MYSQLI_BOTH)){
echo "<option value = '". $rows['npm'] . "'>". $rows['npm']. 
"- ". $rows['nama'] . "</option>";
}
?>
</select><br>
Mata Kuliah <br>
<select name = "mk-kode">
<?php
$sql = "SELECT * From mk";
$res = $conn -> query($sql);
while ($rows = $res -> fetch-array.....
echo "<option value = '". $rows['kode'] . .....
}
?>
</select><br>
Semester <br>
<input type = "text" name = "sem"><br>
Tahun Akademik <br>
<select name = "ta-id">
<?php
$sql = "SELECT * .....
$res = $conn -> query($sql);
while ($rows = $res -> .....
echo "<option value = '". .....
}
?>

```

BAB II

```
</select><br>
Nilai <br>
<input type = "text" . . . .
<input type = "submit" name = . . . .
</form>
</body>
</html>
```

∴ krs_detail.php

```
<?php
include "koneksi.php";
$id = $_GET['id'];
$sql = "SELECT * FROM . . . .
$res = $conn->query($sql);
$row = $res-> . . . .
?>
```

<!DOCTYPE html>

<html>

<head>

<meta charset

<title> KRS /<title>

</head>

<body>

Selanjutnya sama pada mhs_detail/ tetapi sintax ada yang sedikit dirubah sesuai apa yang akan ditampilkan pada krs_detail.php.

∴ krs_proc.php

<?php

include 'koneksi.php';

Pada krs_proc.php sintaxnya hampir sama dengan mhs_proc.php, tetapi ada yang sedikit dirubah menyesalkan apa yang di perlukan pada krs_proc.php.

BAB II

:= mk.php.

```
<?php
include "koneksi.php";
include 'index.php';
?>
<!DOCTYPE html>
<html>
<head>
<title> Mata Kuliah </title>
</head>
<body>
<h2 align = "center"> Mata Kuliah </h2>
<a href = "mk.php"> Lihat </a> .....
<table width = "100%" .....
<thead>
<tr>
<th width = '2%'> No. </th>
<th width = '5%'> Akt ... .
<th width = '15%'> Kode ... .
<th width = '25%'> Nama ... .
</tr>
</thead>
<tbody>
<?php
$sql = "SELECT * FROM mk";
$sql = $conn -> query($sql);
if ($res -> num_rows > 0) {
    $i = 0;
    while ($dat = $res ...) {
        $i++;
        echo "<tr ... .
<td> $i </td>
<td><a href = 'mk_detail.php?kode ... .
<td> ". $dat ["Kode"] . "</td>
<td> ". $dat ["nama"] . "</td>
```

BAB II

</tr>

{}

?>

</tbody>

</table>

</body>

</html>

∴ mk-add.php.

<!DOCTYPE html>

<html>

<head>

<title> Mata Kuliah </title>

</head>

<body>

<h2>Tambah Mata Kuliah </h2>

 Lihat

<form name = "myform" action =

<input type = "text" name = "kode"

 Nama

<input type = "text" name = "nama"

<input type = "submit" name = "mk-add"

</form>

</body>

</html>

∴ mk-detail.php

<?php

include 'koneksi.php';

\$kode = \$_GET['kode'];

\$sql = "SELECT * FROM";

\$res = \$conn -> query(\$sql);

\$dat = \$res -> fetch_assoc();

BAB II

```
?>
<!DOCTYPE html>
<html>
<head>
<title>Mata Kuliah </title>
</head>
<body>
<h2>mata kuliah edit </h2>
<a href = "mk.php" >(I)HAT<a> .... <br>
<form name = "myform" action = ....
Kode <br>
<input type = "text" name = "kode" .... <br>
Nama <br>
<input type = "text" name = "nama" .... <br>
<input type = "submit" name = "mk_edit" ....
<input type = "submit" name = "mk_delete" ....
</form>
</body>
</html>
```

∴ mk-proc.php.

Pada mk-proc.php untuk sintaknya sama seperti pada mk-proc.php hanya saja perlu merubah beberapa instax seperti penambahan kode, nama.

BAB II

∴ ta.php

```
<?php
include 'koneksi.php';
include 'index.php';
?>
<!DOCTYPE html>
<html>
<head>
<title>Tahun Akademik </title>
</head>
<body>


## Tahun Akademik </h2> <a href = "ta.php">[HAT </a> . . . <table width = '100%' border = '1'> <thead> <tr> <th width = '2%>No. </th> <th width = '5%>Act </th> <th width = '15%>ID </th> <th width = '25%>Nama </th> </tr> </thead> <tbody> <?php $sql = "SELECT * FROM ta"; $res = $conn -> query ($sql) if ($res -> num_rows > 0) { $i = 0; while ($dat . . . . $it++; echo "<tr . . . . <td>$i</td> <td><a href = 'ta-detail.php ? . . . <td>". $dat . . . . <td>". $dat . . . .


```

BAB II

```
</tr>";
```

```
}
```

```
?
```

```
</tbody>
```

```
</table>
```

```
</body>
```

```
</html>
```

`∴ ta-add.php`

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Tahun Akademik Add </title>
```

```
</head>
```

```
<body>
```

```
<a href = "ta.php"> Lihat </a> . . . <br>
```

```
<form name = "my form" . . .
```

```
1D <br>
```

```
input type = "text" name = "id" id = "id">
```

```
<br> Nama <br>
```

```
<input type = "text" name = "nama" . . . <br>
```

```
<input type = "submit" name = "ta-add" . . .
```

```
</form>
```

```
</body>
```

```
</html>
```

`∴ ta-detail.php`

```
<?php
```

```
include 'koneksi.php';
```

```
$ id = $_GET['id'];
```

```
$ sql = "SELECT * FROM tb_mhs WHERE id = '$id'";
```

```
$ res = $ conn → query ($sql);
```

```
$ dat = $ res → fetch - assoc();
```

Pada ta-detail.php cinta xngg tampil sama dengan mhs-detail.php

BAB II

tetapi ada yang sedikit dirubah mengesuaikan apa yang diperlukan pada ta-deta.php.

∴ ta-proc.php

<?php

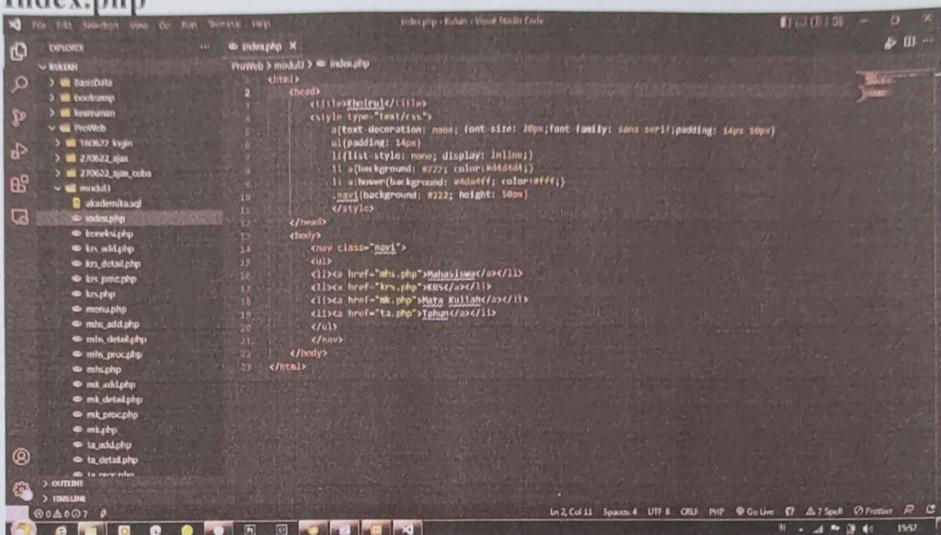
include 'koneksi.php';

Pada ta-proc.php sintaxnya hampir sama dengan mhs-proc.php, tetapi ada yang sedikit dirubah mengesuaikan apa yang diperlukan pada ta-proc.php.

BAB III

TAMPILAN PROGRAM

➤ Index.php



```

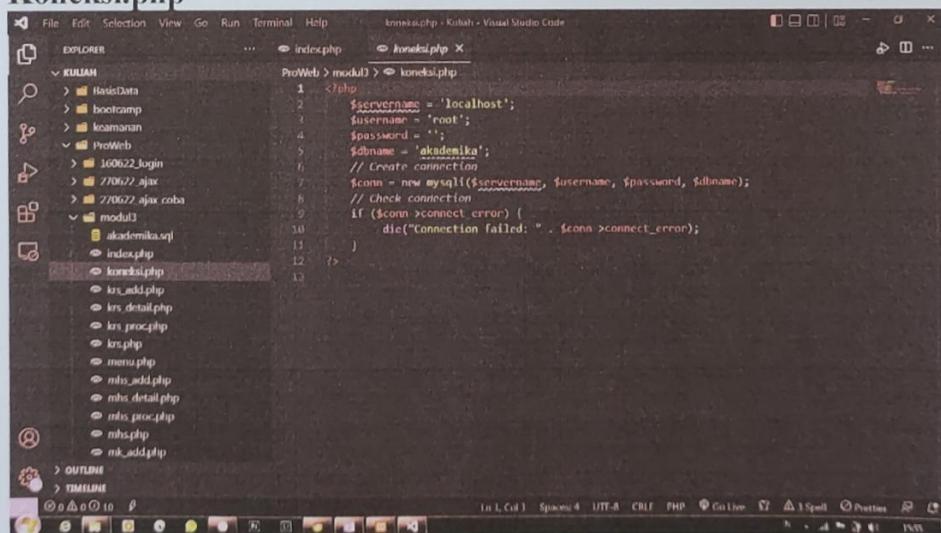
index.php
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Kuliah</title>
5     <style type="text/css">
6       a{text-decoration: none; font-size: 20px; font-family: sans-serif; padding: 10px 10px}
7       ul{padding: 10px}
8       li{list-style: none; display: inline}
9       li a{background: #222; color: white; text-decoration: none}
10      li a:hover{background: #444; color: white}
11      .nav{background: #222; height: 50px}
12    </style>
13  </head>
14  <body>
15    <div class="nav">
16      <a href="index.php">Mahasiswa</a>
17      <a href="krs.php">KRS</a>
18      <a href="mata_kuliah.php">Mata Kuliah</a>
19      <a href="ta.php">Tugas</a>
20    </div>
21  </body>
22 </html>

```

➤ Tampilan Index



➤ Koneksi.php

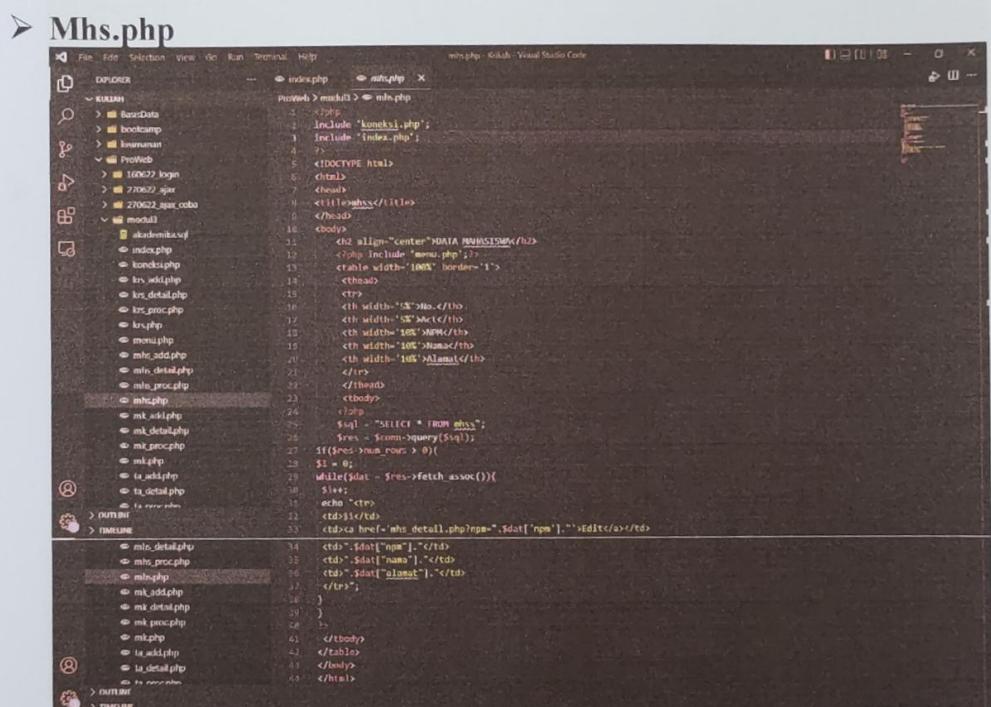


```

koneksi.php
1 <?php
2   $servername = 'localhost';
3   $username = 'root';
4   $password = '';
5   $dbname = 'akademika';
6   // Create connection
7   $conn = new mysqli($servername, $username, $password, $dbname);
8   // Check connection
9   if ($conn->connect_error) {
10     die("Connection failed: " . $conn->connect_error);
11   }
12 </?>

```

BAB III



BAB III

➤ Mhs add.php

```
mhs.add.php - Kullan - Visual Studio Code
File Edit Selection View Go Run Terminal Help
index.php mhs.add.php
ProWeb > module3 > mhs.add.php
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Add Data Mahasiswa</title>
5 </head>
6 <body>
7 <h2>Tambah Data Mahasiswa</h2>
8 <php include 'menu.php';>
9 <br>
10 <form name="mhs_form" action="mhs_proc.php" method="POST">
11 <br>
12 <input type="text" name="npm" id="npm">
13 <br>Nama
14 <br>
15 <input type="text" name="nama" id="nama" size="30">
16 <br>Alamat
17 <br>
18 <input type="text" name="alamat" id="alamat" size="50">
19 <br>
20 <input type="submit" name="submit_add" id="submit_add" value="Simpan">
21 </form>
22 </body>
23 </html>

```

➤ Mhs_detail.php

File Edit Selection View Run Terminal Help m-hs_detail.php - Kudu - Visual Studio Code

CDHONES

KULIAH

BasisData
bootcamp
kirim_email
Profil

160072_login
270022_gjx
270072_gjx_coba

modul

atmodulmsi.sql
index.php
koneksi.php
krs_add.php
krs_detail.php
krs_pros.php
krs.php
menu.php
mhk_add.php
mhk_detail.php
mhk_detail.php
mhk_pros.php
mhk_update.php
mhk_update.php
mk_add.php
mk_detail.php
mk_update.php
mk_update.php
mk_pros.php
mk_update.php
ta_add.php
ta_detail.php

m-hs_detail.php

ProWeb > modul > mhk_detail.php

```
<?php
    include 'koneksi.php';
    $nm = $_POST['nm'];
    $sql = "SELECT * FROM mahasiswa WHERE npm = '$nm'";
    $res = $conn->query($sql);
    $data = $res->fetch_assoc();
    ?>
<!DOCTYPE html>
<html>
<head>
<title>mhs edit</title>
</head>
<body>
<?php include 'menu.php';?>
<br>
<form name="myform" action="mhk_pros.php" method="POST">
    NPM  

    <br>
    <input type="text" name="npm" id="npm" value="<?php echo $data['npm'];?"/>>
    <br>
    <input type="text" name="nama" id="nama" size="30" value="<?php echo $data['nama'];?"/>>
    <br>Alamat
    <br>
    <input type="text" name="alamat" id="alamat" size="50" value="<?php echo $data['alamat'];?"/>>
    <br>
    <input type="submit" name="submit_edit" id="submit_edit" value="SIMPAN">
    <input type="submit" name="submit_delete" id="submit_delete" value="HAPUS">
</form>
</body>
</html>
```

BAB III

➤ Mhs_proc.php

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

- File Explorer:** On the left, it displays a tree view of files and folders. The 'mhs' folder is expanded, showing subfolders like 'katalog', 'konten', 'ProWeb', and 'modul'. Under 'modul', several files are listed: 'alatadmin.adp', 'index.php', 'kontak.php', 'krj.adt.php', 'krj_detail.php', 'krj_proccp.php', 'krtp.php', 'menu.php', 'mhs.adt.php', 'mhs_detail.php', 'mhs_proccp.php', 'mhs.php', 'mk.add.php', 'mk_detail.php', 'mk_proccp.php', 'mk.php', 'ta.add.php', 'ta_detail.php', and 'ta_proccp.php'. The file 'mhs.php' is currently selected.
- Code Editor:** The main area shows the content of the 'mhs.php' file. The code includes various PHP functions like 'include', 'if', 'echo', 'header', 'die', and database queries using MySQL syntax. It also contains some CSS-like styling with 'background-color' and 'font-size' properties.
- Status Bar:** At the bottom, the status bar shows the current file path as 'mhs/proccp/mhs.php', the line number '1', the column number '1', the tab size '4', the encoding 'UTF-8', and file types 'CR LF', 'PHP', and 'Go Live'.

➤ Tabel Mahasiswa

Mahasiswa	KRS	Mata Kuliah	Tahun
DATA MAHASISWA			
LIHAT	TAMBAH		

➤ Form ADD Data Mahasiswa

Tambah Data Mahasiswa

[LIHAT](#) | [TAMBAH](#)

NPM

Nama

Alamat

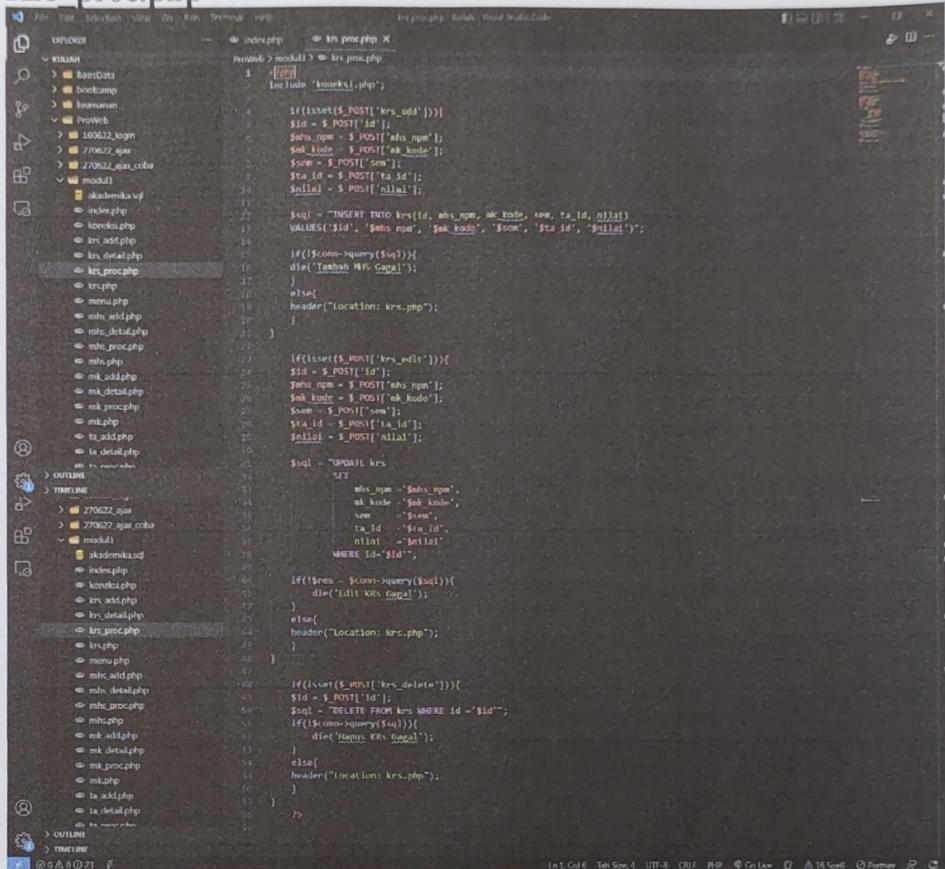
SilvPAN

BAB III

➤ Krs_add.php

BAB III

➤ Krs_proc.php



```

<?php
    $id = $_POST['id'];
    $krs_npm = $_POST['krs_npm'];
    $sk_kode = $_POST['sk_kode'];
    $skom = $_POST['skom'];
    $ta_id = $_POST['ta_id'];
    $nilai = $_POST['nilai'];

    $sql = "INSERT INTO krs(id, krs_npm, sk_kode, skom, ta_id, nilai)";
    $sql .= "VALUES('$id', '$krs_npm', '$sk_kode', '$skom', '$ta_id', '$nilai')";

    if(!$conn->query($sql)){
        die("Terjadi Masalah");
    }
    else{
        header("location: krs.php");
    }

    if(isset($_POST['krs_edit'])){
        $id = $_POST['id'];
        $krs_npm = $_POST['krs_npm'];
        $sk_kode = $_POST['sk_kode'];
        $skom = $_POST['skom'];
        $ta_id = $_POST['ta_id'];
        $nilai = $_POST['nilai'];

        $sql = "UPDATE krs
                SET
                    krs_npm = '$krs_npm',
                    sk_kode = '$sk_kode',
                    skom = '$skom',
                    ta_id = '$ta_id',
                    nilai = '$nilai'
                WHERE id='$id'";

        if(!$conn->query($sql)){
            die("Edit KRS gagal");
        }
        else{
            header("location: krs.php");
        }
    }

    if(isset($_POST['krs_delete'])){
        $id = $_POST['id'];
        $sql = "DELETE FROM krs WHERE id = '$id'";
        if(!$conn->query($sql)){
            die("Hapus KRS gagal");
        }
        else{
            header("location: krs.php");
        }
    }
}

```

BAB III

➤ [Krs_detail.php](#)

BAB III

➤ Tabel Krs

The screenshot shows a table titled "KRS MAHASISWA" with columns: No., Act, ID, nhs_npm, mk_kode, sem, ta_id, and nilai. There are two rows of data:

No.	Act	ID	nhs_npm	mk_kode	sem	ta_id	nilai
1	Edit	1	2013030010	01	GENAP	20	100
2	Edit	2	2013030007	01	GENAP	21	100

➤ Form ADD data Krs

The screenshot shows a form titled "Tambah Data KRS" with fields for: ID (dropdown menu showing 2013030007 - Marcel W), Mata Kuliah (dropdown menu showing 01 - Pemrograman Basis Data), Semester (dropdown menu showing Semester), Tahun Akademik (dropdown menu showing 2018), Nilai (text input field), and a SIMPAN button.

➤ Form EDIT dan DELETE

The screenshot shows an "Edit KRS" form with fields for: ID (text input field showing 2), Npm - Nama (dropdown menu showing 2013030007 - Marcel W), Mata Kuliah (dropdown menu showing 01 - Pemrograman Basis Data), Semester (dropdown menu showing GENAP), Tahun Akademik (dropdown menu showing 21 - 2021), Nilai (text input field showing 100), and buttons for PERBAHARUI and HAPUS.

2013030010

BAB III

➤ Mk.php

```
index.php -> mk.php
```

```
1 <?php
2     include 'koneksi.php';
3     include 'index.php';
4
5     <!DOCTYPE html>
6     <html>
7         <head>
8             <title>Mata Kuliah</title>
9         </head>
10        <body>
11            <h2 align="center">Mata Kuliah</h2>
12            <a href="mk.php">MATA KULIAH</a> | <a href="mk_add.php">TAMBAH</a>
13            <table border="1" width="1000" border="1">
14                <thead>
15                    <tr>
16                        <th>NO</th>
17                        <th>KODE</th>
18                        <th>NAME</th>
19                        <th>DESKRIPSI</th>
20                    </tr>
21                </thead>
22                <tbody>
23                    <tr>
24                        $sql = "SELECT * FROM MK";
25                        $res = $conn->query($sql);
26                        if($res->num_rows > 0){
27                            $i = 0;
28                            while($dat = $res->fetch_assoc()){
29                                $i++;
30                                echo "<tr align='center'>";
31                                <td>$i</td>
32                                <td><a href='mk_detail.php?node=$dat['kode']'>EDIT</a></td>
33                                <td>$dat['kode']</td>
34                                <td>$dat['name']</td>
35                            </tr>";
36                        }
37                    </tbody>
38                </table>
39            </body>
40        </html>
```

Ln 3, Col 29 Spaces: 4 UTT-S CLE PHP Go Live □ 11 Spell □ Preview □ 16.21

➤ Mk add.php

```
index.php -> mk_add.php
```

```
1 <!DOCTYPE html>
2 <html>
3     <head>
4         <title>Mata Kuliah</title>
5     </head>
6     <body>
7         <h2>Tambah Mata Kuliah</h2>
8         <a href="mk.php">MATA KULIAH</a> | <a href="mk_add.php">TAMBAH</a>
9
10        <form name="form" action="mk_proses.php" method="POST">
11            <input type="text" name="kode" id="kode">
12            <br>
13            <input type="text" name="name" id="name">
14            <br>
15            <input type="text" name="nama" id="nama" size="30">
16            <br>
17            <input type="submit" name="mk_add" id="mk_add" value="SIMPAN">
18        </form>
19    </body>
20 </html>
```

Ln 1, Col 1 Tab Size: 4 UTT-S CLE PHP Go Live □ 12 Spell □ Preview □ 16.21

BAB III

➤ Mk_detail.php

```

<?php
    include 'koneksi.php';
    $kode = $_GET['kode'];
    $sql = "SELECT * FROM mk WHERE kode='$kode'";
    $res = $conn->query($sql);
    $det = $res->fetch_assoc();
    ?>
<!DOCTYPE html>
<html>
<head>
<title>Data Kuliah</title>
</head>
<body>
<div>
<h2>Data Kuliah Edit</h2>
<a href="mk.php">List</a> | <a href="mk_add.php">Tambah</a>
<br>
<form name="byform" action="mk_proc.php" method="POST">
<b>Kode</b>
<br>
<input type="text" name="kode" id="kode" value=</?php echo $det['kode'] ?>>
<br>
<b>Nama</b>
<br>
<input type="text" name="nama" id="nama" size="30" value=<?php echo $det['nama'] ?>>
<br>
<input type="submit" name="mk_edit" id="mk_edit" value="PERBAIKAN"/>
<input type="submit" name="mk_delete" id="mk_delete" value="HAPUS"/>
</form>
</div>
</body>
</html>

```

➤ Mk_proc.php

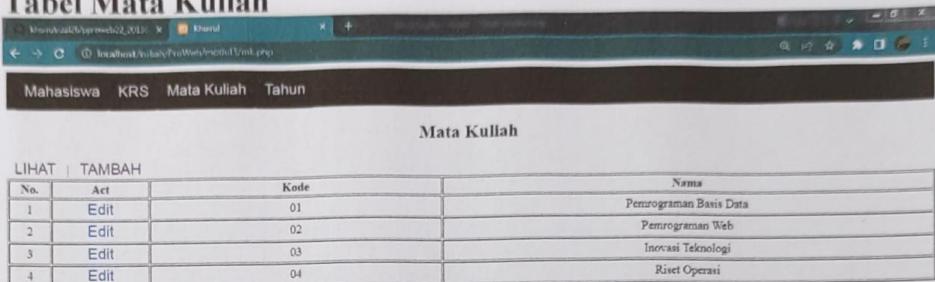
```

<?php
    include 'koneksi.php';
    if(isset($_POST['mk_and'])){
        $kode = $_POST['kode'];
        $nama = $_POST['nama'];
        $sql = "INSERT INTO mk(kode,nama)
VALUES('$kode','$nama')";
        if(!$conn->query($sql)){
            die('Terjadi Kesalahan');
        }
        else{
            header("location: mk.php");
        }
    }
    if(isset($_POST['mk_edit'])){
        $kode = $_POST['kode'];
        $nama = $_POST['nama'];
        $sql = "UPDATE mk SET nama='$nama' WHERE kode='$kode'";
        if(!$conn->query($sql)){
            die('Edit gagal');
        }
        else{
            header("location: mk.php");
        }
    }
    if(isset($_POST['mk_delete'])){
        $kode = $_POST['kode'];
        $sql = "DELETE FROM mk WHERE kode='$kode'";
        if(!$conn->query($sql)){
            die('Hapus Tidak Berhasil');
        }
        else{
            header("location: mk.php");
        }
    }
}

```

BAB III

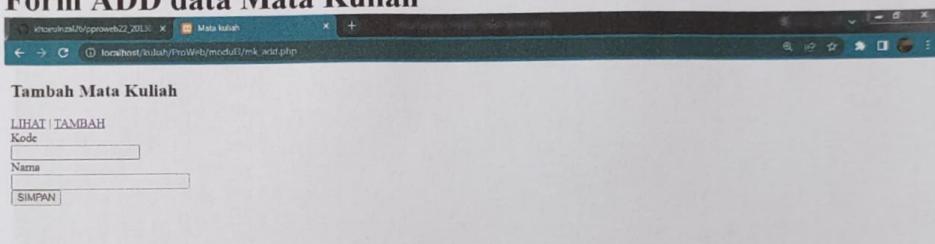
➤ Tabel Mata Kuliah



A screenshot of a web browser window titled "Mata Kuliah". The URL is "localhost/kuliah/ProWeb/modul3/mk.php". The page contains a table with four rows and four columns. The columns are labeled "No.", "Act", "Kode", and "Nama". The data in the table is as follows:

No.	Act	Kode	Nama
1	Edit	01	Pemrograman Basis Data
2	Edit	02	Pemrograman Web
3	Edit	03	Inovasi Teknologi
4	Edit	04	Riset Operasi

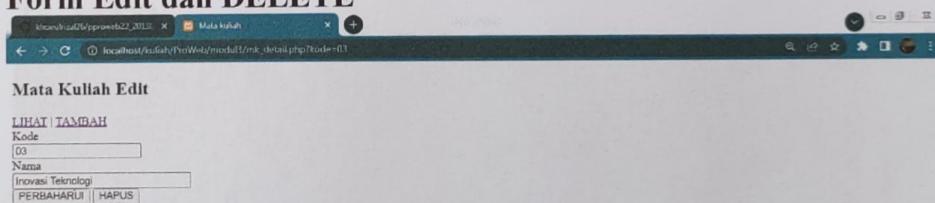
➤ Form ADD data Mata Kuliah



A screenshot of a web browser window titled "Tambah Mata Kuliah". The URL is "localhost/kuliah/ProWeb/modul3/mk.add.php". The page contains a form with two text input fields and one button:

- LIJAH | TAMBAH
- Kode:
- Nama:
-

➤ Form Edit dan DELETE

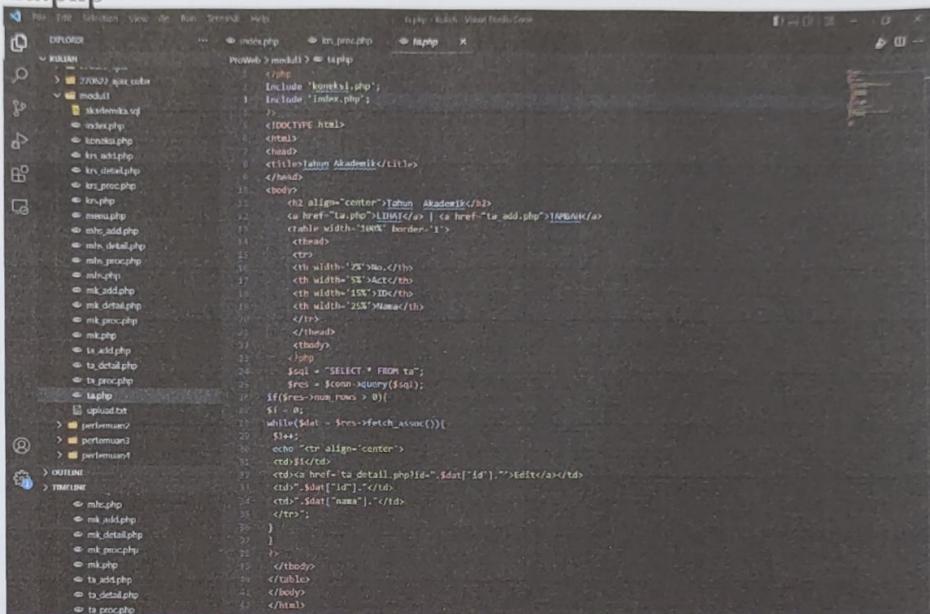


A screenshot of a web browser window titled "Mata Kuliah Edit". The URL is "localhost/kuliah/ProWeb/modul3/mk.detail.php?kode=03". The page contains a form with two text input fields and two buttons:

- LIJAH | TAMBAH
- Kode:
- Nama:
-

BAB III

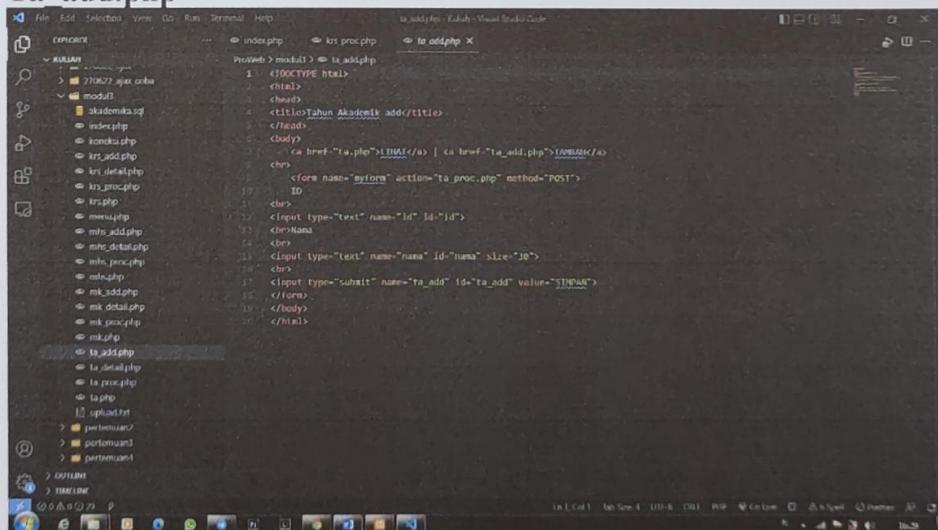
➤ Ta.php



```

<?php
    include 'koneksi.php';
    include 'index.php';
    </?
    <!DOCTYPE html>
    <html>
        <head>
            <title>Tahun Akademik</title>
        </head>
        <body>
            <h2 align="center">Tahun Akademik</h2>
            <a href="ta.php">Lihat</a> | <a href="ta_add.php">Tambah</a>
            <table width="100%" border="1">
                <thead>
                    <tr>
                        <th width="25%">Name</th>
                        <th width="25%">ID</th>
                        <th width="15%">Edit</th>
                        <th width="25%">Hapus</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        $sql = "SELECT * FROM ta";
                        $res = $conn->query($sql);
                        if($res->num_rows > 0){
                            $i = 0;
                            while($dat = $res->fetch_assoc()){
                                $jns = "<br><br><br><br>" . $dat['name'];
                                echo "<tr align='center'>
                                    <td>" . $dat['id'] . "</td>
                                    <td>" . $dat['name'] . "</td>
                                    <td>" . $jns . "</td>
                                    <td>" . "<a href='ta_detail.php?id=" . $dat['id'] . "'>Edit</a></td>
                                    <td>" . "<a href='ta_delete.php?id=" . $dat['id'] . "'>Hapus</a></td>
                                </tr>";
                            }
                        }
                    </tbody>
                </table>
            </body>
        </html>
    
```

➤ Ta add.php



```

<?php
    include 'koneksi.php';
    include 'index.php';
    </?
    <!DOCTYPE html>
    <html>
        <head>
            <title>Tahun Akademik add</title>
        </head>
        <body>
            <a href="ta.php">Lihat</a> | <a href="ta_add.php">Tambah</a>
            <form name="systma" action="ta_proc.php" method="POST">
                ID
                <input type="text" name="id" id="id">
                <br>
                Name
                <input type="text" name="name" id="name" size="20">
                <br>
                <input type="submit" name="ta_add" id="ta_add" value="Simpan">
            </form>
        </body>
    </html>
    
```

BAB III

➤ Ta_detail.php

```

<?php
    include 'koneksi.php';
    $id = $_POST['id'];
    $sql = "SELECT * FROM ta WHERE id='$id'";
    $res = $conn->query($sql);
    $dat = $res->fetch_assoc();
    </pre>

```

The code for `Ta_detail.php` is as follows:

```

<?php
    include 'koneksi.php';
    $id = $_POST['id'];
    $sql = "SELECT * FROM ta WHERE id='$id'";
    $res = $conn->query($sql);
    $dat = $res->fetch_assoc();

    <?php type="text/html">
    <html>
        <head>
            <title>Ta edit</title>
        </head>
        <body>
            <a href="ta.php">LIST</a> | <a href="ta_add.php">TAMBAH</a>
            <br>
            <form name="myform" action="ta_proc.php" method="POST">
                ID:<br>
                <input type="text" name="id" id="id" value=<?php echo $dat['id']?>>
                <br>Name:<br>
                <input type="text" name="name" id="name" size="10" value=<?php echo $dat['name']?>>
                <br>
                <input type="submit" name="ta_edit" id="ta_edit" value="PERBAHKARIS">
                <input type="submit" name="ta_delete" id="ta_delete" value="HAPUS">
            </form>
        </body>
    </html>

```

➤ Ta_proc.php

```

<?php
    include 'koneksi.php';
    if(isset($_POST['ta_add'])){
        $id = $POST['id'];
        $name = $POST['name'];
        $sql = "INSERT INTO ta(id,nama)
                VALUES('$id','$name')";
        if(!$conn->query($sql)){
            die("Tambah gagal");
        }
        else{
            header("location: ta.php");
        }
    }

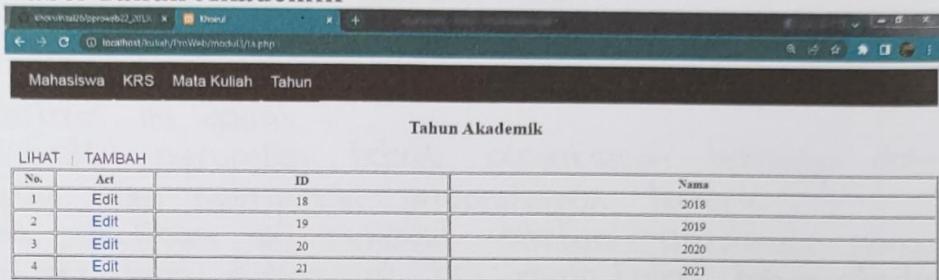
    if(isset($_POST['ta_edit'])){
        $id = $POST['id'];
        $name = $POST['name'];
        $sql = "UPDATE ta SET nama='$name' WHERE id=$id";
        if(!$conn->query($sql)){
            die("Edit gagal");
        }
        else{
            header("location: ta.php");
        }
    }

    if(isset($_POST['ta_delete'])){
        $id = $POST['id'];
        $sql = "DELETE FROM ta WHERE id='$id'";
        if(!$conn->query($sql)){
            die("Hapus Taah Akademik gagal");
        }
        else{
            header("location: ta.php");
        }
    }

```

BAB III

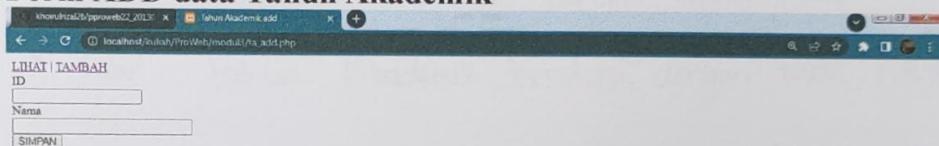
➤ Tabel Tahun Akademik



The screenshot shows a table titled "Tahun Akademik" with four rows. The columns are labeled "No.", "Act", "ID", and "Nama". The data is as follows:

No.	Act	ID	Nama
1	Edit	18	2018
2	Edit	19	2019
3	Edit	20	2020
4	Edit	21	2021

➤ Form ADD data Tahun Akademik



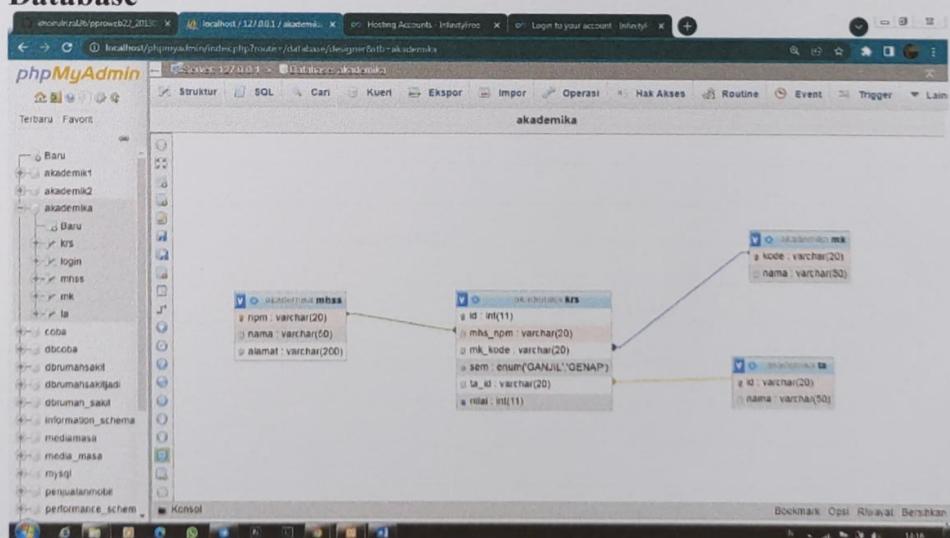
The screenshot shows a form titled "Tahun Akademik add" with fields for "ID" (containing "22") and "Nama" (containing "2022"). Below the form are "SIMPAN" and "BATAL" buttons.

➤ Form EDIT dan DELETE



The screenshot shows a form titled "Tahun Akademik edit" with fields for "ID" (containing "20") and "Nama" (containing "2020"). Below the form are "PERBAHARUI" and "HAPUS" buttons.

➤ Database



BAB IV

KESIMPULAN

Jadi kesimpulan yang saya dapat dari materi PHP dan Database ini adalah :

MySQL merupakan teknik pengaksesan terhadap database MySQL yang merupakan perkembangan terbaru.
Pada praktikum ini membuat database akademik yang memiliki tabel mahasiswa, krs, mata kuliah, tahun akademik, pada masing-masing tabel memiliki hubungan.

- Tabel Mahasiswa berelasi dengan tabel KRS
- Tabel Mata Kuliah berelasi dengan tabel KRS
- Tabel Tahun Akademik berelasi dengan tabel KRS