

PERTEMUAN-9

mysql0

```
<?php
$conn = mysqli_connect("localhost", "root", "root") or
die("Koneksi ke Database GAGAL!");
mysqli_select_db($conn, "coba_mysql") or die("database salah!");
?>
```

```
<!doctype html>
<html>
<head>
    <title>Daftar Teman</title>
</head>
<body>

<h1>Daftar mahasiswa</h1>
```

```
<?php
$query = "SELECT * FROM mahasiswa";
$result = mysqli_query($conn, $query);

while ( $row = mysqli_fetch_assoc($result) ) : ?>
    <ul>
        <li><strong><?= $row["nama"]; ?></strong></li>
        <li><?= $row["universitas"]; ?></li>
    </ul>
<?php endwhile; ?>

</body>
</html>
```

mysql1

functions.php

```
<?php

function koneksi() {
    $conn = mysqli_connect("localhost", "root", "root") or
die("Koneksi ke Database Gagal");

    mysqli_select_db($conn, "coba_mysql") or die("Database
Salah!");

    return $conn;
}

function query($conn, $query) {
    $results = mysqli_query($conn, $query);

    $rows = array();
    while ( $row = mysqli_fetch_assoc($results) ) {
        $rows[] = $row;
    }

    return $rows;
}
?>
```

index.php

```
<?php
require 'functions.php';
$conn = koneksi();

require 'index.view.php';
?>
```

index.view.php

```
<!doctype html>
<html>
<head>
    <title>Daftar Teman</title>
</head>
<body>

<h1>Daftar mahasiswa</h1>

<?php
    $result = query($conn, "SELECT * FROM mahasiswa");

    foreach ( $result as $row ) : ?>
        <ul>
            <li><strong><?= $row["nama"]; ?></strong></li>
            <li><?= $row["universitas"]; ?></li>
        </ul>
    <?php endforeach; ?>

</body>
</html>
```

mysql2

functions.php

```
<?php

function koneksi() {
    $conn = mysqli_connect("localhost", "root", "root") or
die("Koneksi ke Database Gagal");

    mysqli_select_db($conn, "coba_mysql") or die("Database
Salah!");

    return $conn;
}

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

    if ( mysqli_num_rows($result) > 1 ) {
        // jika data yg diambil banyak

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

        return $rows;
    } else {
```

```
// jika data yang diambilnya hanya 1 baris
```

```
$row = array();
$row = mysqli_fetch_assoc($result);

return $row;
}

function tambah($conn, $post = array()) {

    // $query = "INSERT INTO mahasiswa
    //     VALUES ('', '{$post["nama"]}', '{$post["universitas"]}')"
    // ";

    $query = sprintf("INSERT INTO mahasiswa VALUES ('', '%s',
    '%s')", $post["nama"], $post["universitas"]);

    mysqli_query($conn, $query);

    return mysqli_affected_rows($conn);
}
```

```
function hapus($conn, $id) {
    mysqli_query($conn, "DELETE FROM mahasiswa WHERE
    id=$id");

    return mysqli_affected_rows($conn);
}
```

```
function ubah($conn, $post = array()) {

    $query = "UPDATE mahasiswa
        SET nama = '{$post["nama"]}',
            universitas = '{$post["universitas"]}'
        WHERE id = {$post["id"]}
    ";

    mysqli_query($conn, $query);

    return mysqli_affected_rows($conn);
}
```

```
?>
```

index.php

```
<?php
require 'functions.php';
$conn = koneksi();

require 'index.view.php';

?>
```

index.view.php

```
<!doctype html>
<html>
<head>

    <title>Daftar Teman</title>

</head>
<body>

    <div><a href="tambah.php">Tambah Data Mahasiswa</a></div>

    <h1>Daftar mahasiswa</h1>

    <?php
        $result = query($conn, "SELECT * FROM mahasiswa");

        foreach ( $result as $row ) : ?>

            <ul>
                <li><strong><?= $row["nama"]; ?></strong></li>
                <li><?= $row["universitas"]; ?></li>
                <li><a href="ubah.php?id=<?= $row["id"]; ?>">Ubah
                Data</a> | <a href="hapus.php?id=<?= $row["id"]; ?>">Hapus
                Data</a></li>
            </ul>

            <?php endforeach; ?>

        </body>
    </html>
```

hapus.php

```
<?php
require 'functions.php';
$conn = koneksi();

$id = $_GET["id"];

if( hapus($conn, $id) ) {
    echo "data berhasil dihapus <br>";
    echo "<a href='index.php'>Kembali</a>";
} else {
    echo "data gagal dihapus";
    echo "<a href='index.php'>Kembali</a>";
}
```

tambah.php

```
<?php
require 'functions.php';
$conn = koneksi();

if ( isset($_POST["tambah"]) ) {

    if ( tambah($conn, $_POST) ) {
        $pesan = "Data Berhasil Ditambahkan!";
    } else {
        $pesan = "Data Gagal Ditambahkan!";
    }

}
```

```
require 'tambah.view.php';
?>
```

tambah.view.php

```
<!doctype html>
<html>
<head>
    <title>Tambah Data Mahasiswa</title>
</head>
<body>

    <div><p><?= ( isset($pesan) ) ? $pesan : ""; ?></p></div>

    <form action="" method="post">
        <div>
            <label for="nama">Nama</label>
            <input type="text" name="nama" id="nama">
        </div>
        <div>
            <label for="universitas">Universitas</label>
            <input type="text" name="universitas"
id="universitas">
        </div>
        <input type="submit" name="tambah" value="Tambah
Data">
    </form>

</body>
</html>
```

ubah.php

```
<?php
require 'functions.php';
$conn = koneksi();

if( !isset($_GET["id"]) ) {
    header("Location: index.php");
    exit;
}

$id = $_GET["id"];

$query = "SELECT * FROM mahasiswa WHERE id = $id";
$result = query($conn, $query);

if ( isset($_POST["ubah"]) ) {
    if ( ubah($conn, $_POST) ) {
        // $pesan = "<p>Data Berhasil Diubah!</p>";
        echo "<script>
            alert('Data Berhasil Diubah');
            document.location.href = 'index.php';
        </script>";
    } else {
        $pesan = "<p>Data Gagal Diubah!</p>";
    }
}

require 'ubah.view.php';
?>
```

ubah.view.php

```
<!doctype html>
<html>
<head>
    <title>Tambah Data Mahasiswa</title>
</head>
<body>

    <div><p><?= ( isset($pesan) ) ? $pesan : ""; ?></p></div>

    <form action="" method="post">
        <div>
            <label for="nama">Nama</label>
            <input type="text" name="nama" id="nama" value="<?=
htmlspecialchars($result["nama"]); ?>">
        </div>
        <div>
            <label for="universitas">Universitas</label>
            <input type="text" name="universitas" id="universitas"
value="<?= htmlspecialchars($result["universitas"]); ?>">
        </div>
        <input type="hidden" name="id" value="<?=
htmlspecialchars($result["id"]); ?>">
        <input type="submit" name="ubah" value="Ubah Data">
    </form>

</body>
</html>
```