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## Tampilan

NIM

Nama

Prodi

[Tambahkan](#)

[Kembali](#)

Search Prodi Mahasiswa

[Cari](#)

[Tambah Data](#)

| NIM       | Nama   | Prodi       |                      |                       |
|-----------|--------|-------------|----------------------|-----------------------|
| 121140021 | farhan | informatika | <a href="#">Edit</a> | <a href="#">Hapus</a> |

Rename Data Mahasiswa

NIM  Nama  Prodi  [Update](#)

[Kembali](#)

## KODE

<style>

body {

font-family: Arial, sans-serif;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

height: 100vh;

margin: 0;

background-color: #B06161;

background-size: cover;

background-position: center;

}

.center-text {

```
text-align: center;
}

.form {
  display: flex;
  flex-direction: column;
  align-items: right;
  margin-bottom: 350px;
  justify-content: flex-end;
  border-radius: 10px;
  background-color: #F0DBAF;
  padding: 10px;
  width: 100%;
  box-sizing: border-box;
}

.form label {
  margin-bottom: 5px;
}

.form input[type="text"] {
  padding: 5px;
  margin-bottom: 10px;
}

.form input[type="submit"] {
  padding: 10px;
  background-color: #4CAF50;
  color: white;
  border: none;
  cursor: pointer;
}

table {
  border-collapse: collapse;
  width: 80%;
  margin-top: 20px;
}

table, th, td {
  border: 2px solid #000000;
}

th, td {
  padding: 8px;
}
```

```

        text-align: left;
    }

    .tombol-tambah {
        display: inline-block;
        padding: 10px;
        background-color: #4CAF50;
        color: white;
        text-decoration: none;
        margin-right: 1250px;
    }

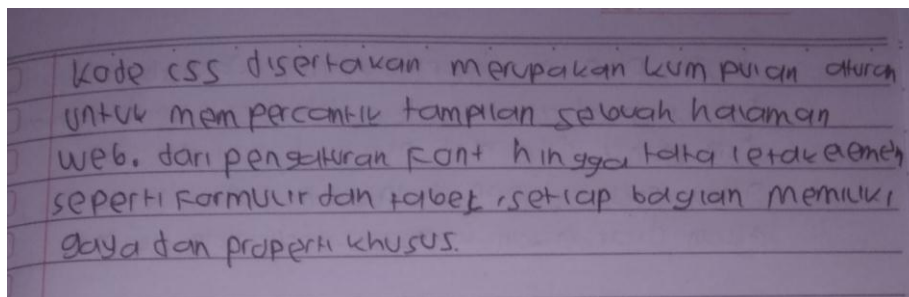
    .tombol-tambah:hover {
        background-color: #45a049;
    }

    .warna-edit,
    .warna-hapus {
        color: black;
        font-weight: bold;
        text-decoration: none;
    }

    .warna-edit:hover,
    .warna-hapus:hover {
        color: red;
    }
</style>

```

## Penjelasan



<?php

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

```
if (isset($_GET['search'])) {
```

```
    $searchTerm = $_GET['search'];
```

```
    $query = "SELECT * FROM mahasiswa WHERE Prodi LIKE '%$searchTerm%'";
```

```

} else {
    $query = "SELECT * FROM mahasiswa";
}

```

```

$result = mysqli_query($conn, $query);
?>

```

```

<form action="index.php" method="get" class="form">
<label for="search" class="center-text"><strong>Search Prodi Mahasiswa</strong></label>
<input type="text" name="search" required>
<input type="submit" value="Cari">
</form>

```

```

<a href="tambahdata.php" class="tombol-tambah">Tambah Data</a>

```

```

<table border="1" style="border-collapse: collapse; background-color: #F0DBAF;">
<tr>
<th>NIM</th>
<th>Nama</th>
<th>Prodi</th>
</tr>

```

```

<?php
while ($row = mysqli_fetch_assoc($result)) {
    echo "<tr>";
    echo "<td>" . $row['NIM'] . "</td>";
    echo "<td>" . $row['Nama'] . "</td>";
    echo "<td>" . $row['Prodi'] . "</td>";
    echo "<td><a href='editdata.php?nim=" . $row['NIM'] . "' class='warna-edit'>Edit</a></td>";
    echo " <td><a href='hapusdata.php?nim=" . $row['NIM'] . "' class='warna-
hapus'>Hapus</a></td>";
    echo "</tr>";
}
?>
</table>

```

```

</body>

```

## Penjelasan

Kode PHP ini merupakan bagian dari suatu aplikasi web untuk manajemen data mahasiswa dengan menggunakan PHP dan MySQL. Pertama terdapat formulir pencarian berdasarkan program studi, selain itu terdapat fitur pencarian, halaman ini juga menyediakan tautan tambah data yang mengarah ke halaman untuk mengentri mahasiswa baru. pengguna bisa mengedit dan menghapus data

```
<?php
```

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

```
if ($_SERVER["REQUEST_METHOD"] == "GET") {
```

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

```
    $query = "SELECT * FROM mahasiswa WHERE NIM = '$nim'";
```

```
    $result = mysqli_query($conn, $query);
```

```
    if ($result) {
```

```
        $data = mysqli_fetch_assoc($result);
```

```
    } else {
```

```
        echo "Error: " . $query . "<br>" . mysqli_error($conn);
```

```
        die();
```

```
    }
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Rename Data Mahasiswa</title>
```

```
</head>
```

```
<body>
```

```
    <h2>Rename Data Mahasiswa</h2>
```

```
    <form action="updatedata.php" method="post">
```

```
        <label for="NIM">NIM</label>
```

```
<input type="text" name="NIM" value="<?php echo $data['NIM']; ?>" required>
<label for="Nama">Nama</label>
<input type="text" name="Nama" value="<?php echo $data['Nama']; ?>" required>
<label for="Prodi">Prodi</label>
<input type="text" name="Prodi" value="<?php echo $data['Prodi']; ?>" required>
<input type="submit" value="Update">
</form>
<a href="index.php" class="tombol-kembali">Kembali</a>
</body>
```

```
<style>
```

```
body {
  background-color: #FAF6F0;
  font-family: Arial, sans-serif;
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  height: 100vh;
  margin: 0;
}
```

```
h2 {
  color: #333;
}
```

```
label {
  margin-bottom: 5px;
}
```

```
input[type="text"] {
  padding: 5px;
  margin-bottom: 10px;
}
```

```
input[type="submit"] {
  padding: 10px;
  background-color: #4CAF50;
  color: white;
  border: none;
  cursor: pointer;
}
```

```
input[type="submit"]:hover {
```

```
        background-color: #45a049;
    }

    .tombol-kembali {
        display: inline-block;
        padding: 10px;
        background-color: #FF0000;
        color: white;
        text-decoration: none;
        position: fixed;
        bottom: 10px;
        right: 10px;
    }

    .tombol-kembali:hover {
        background-color: #CC0000;
    }

    @media (min-width: 768px) {

        form {
            border-radius: 10px;
            background-color: white;
            padding: 20px;
            width: 400px;
            margin: 0 auto;
        }

        label {
            display: block;
            margin-bottom: 5px;
        }
        input[type="text"],
        input[type="submit"] {
            width: 100%;
            padding: 8px;
            margin-bottom: 10px;
            box-sizing: border-box;
        }
    }
</style>

</html>
```

## Penjelasan

Kode PHP ini bertujuan untuk mengambil data mahasiswa berdasarkan nim yang diterima melalui metode get, kemudian menampilkan data tersebut dalam sebuah formulir. Jika parameter nim tidak ditemukan maka terjadi kesalahan dalam eksekusi query. Gaya CSS yang tercantum dalam halaman ini mengatur tampilan formulir dan elemen seperti warna, padding dan posisi tombol

```
<?php
```

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

```
if ($_SERVER["REQUEST_METHOD"] == "GET") {
```

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

```
    $query = "DELETE FROM mahasiswa WHERE NIM = '$nim'";
```

```
    if (mysqli_query($conn, $query)) {
```

```
        header("Location: index.php");
```

```
        exit();
```

```
    } else {
```

```
        echo "Error: " . $query . "<br>" . mysqli_error($conn);
```

```
    }
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Delete Data Mahasiswa</title>
```

```
</head>
```

```
<body>
```

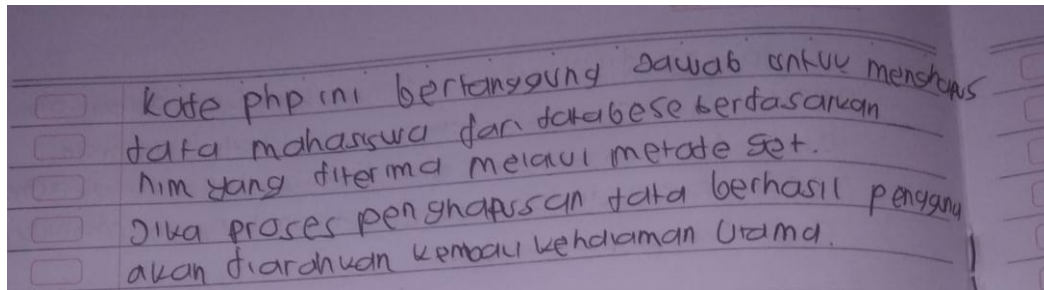
```
    <h2>Data Mahasiswa berhasil dihapus</h2>
```



</body>

</html>

### Penjelasan



<?php

\$host = 'localhost';

\$username = 'root';

\$password = '';

\$database = 'mahasiswa';

\$conn = mysqli\_connect(\$host, \$username, \$password, \$database);

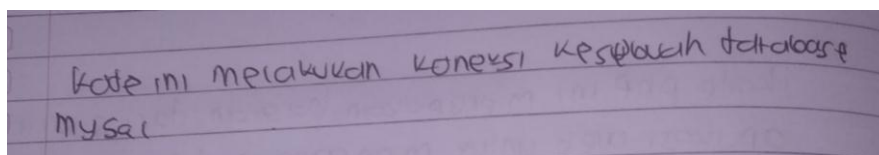
if (!\$conn) {

die("Koneksi gagal: " . mysqli\_connect\_error());

}

?>

### Penjelasan



<?php

include 'koneksi.php';

if (\$\_SERVER["REQUEST\_METHOD"] == "POST") {

\$NIM = \$\_POST['NIM'];

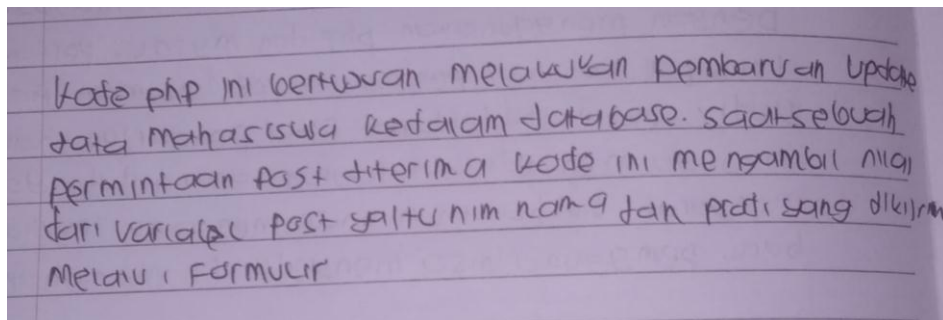
\$Nama = \$\_POST['Nama'];

\$Prodi = \$\_POST['Prodi'];

```
$query = "UPDATE mahasiswa SET Nama='$Nama', Prodi='$Prodi' WHERE NIM='$NIM'";
```

```
if (mysqli_query($conn, $query)) {  
    header("Location: index.php");  
    exit();  
} else {  
    echo "Error: " . $query . "<br>" . mysqli_error($conn);  
}  
}  
?>
```

### Penjelasan



Kode php ini bertujuan melakukan pembaruan update data mahasiswa kedalam database. Saat sebuah permintaan post diterima kode ini mengambil nilai dari variabel post yaitu nim nama dan prodi yang dikirim melalui formulir.