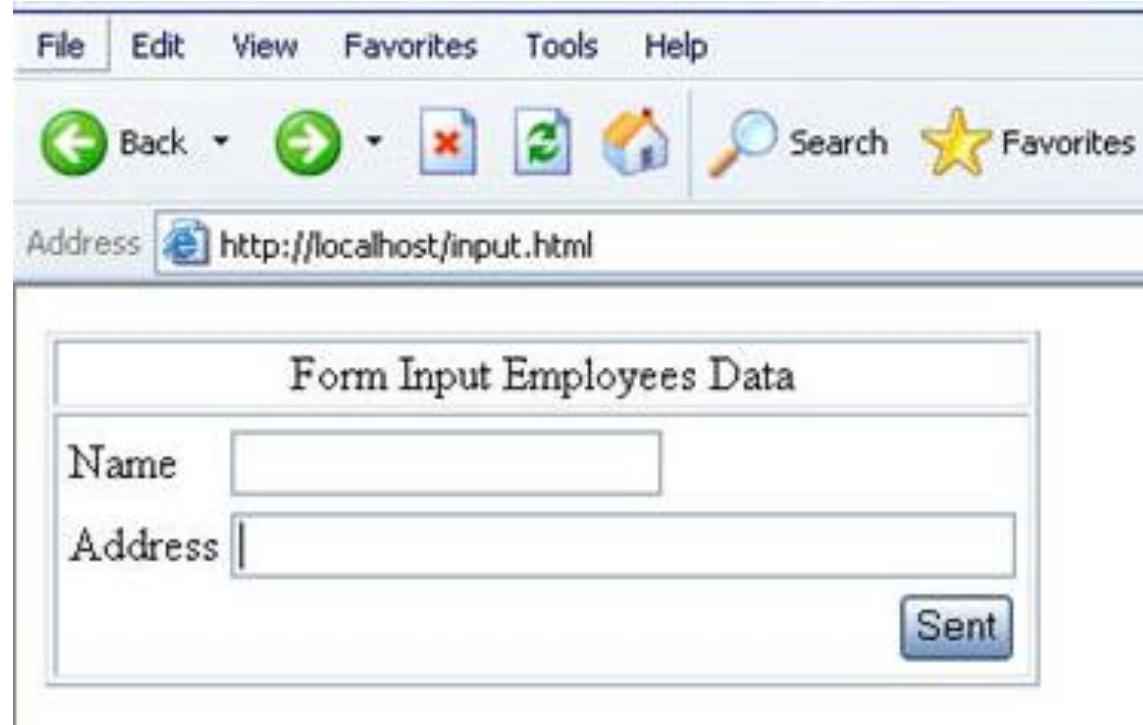


Teori Pemrograman Web

Latihan Soal

Soal 1

- Jelaskan langkah – langkah yang harus di lakukan untuk membuat form inputan seperti berikut:



The image shows a screenshot of a web browser window. The browser's address bar displays the URL `http://localhost/input.html`. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains icons for Back, Forward, Stop, Refresh, Home, Search, and Favorites. The main content area displays a form titled "Form Input Employees Data". The form contains two input fields: "Name" and "Address". A "Sent" button is located at the bottom right of the form.

Form Input Employees Data	
Name	<input type="text"/>
Address	<input type="text"/>
<input type="button" value="Sent"/>	

Jawaban Soal No. 1

1. Buat Form: Insert Data
2. Buat table: data_employees
3. MySQL Connect
4. MySQL select DB
5. Buat sintaks SQL yang disimpan ke dalam variable
6. MySQL Query
7. Tampilkan hasil insert, sukses atau gagal

PHP MySQL: Creating Form Insert Data

- In order to make this input data is 'user friendly', you can make a HTML form for input data

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>

<head>
<title>Form Input Data</title>
</head>

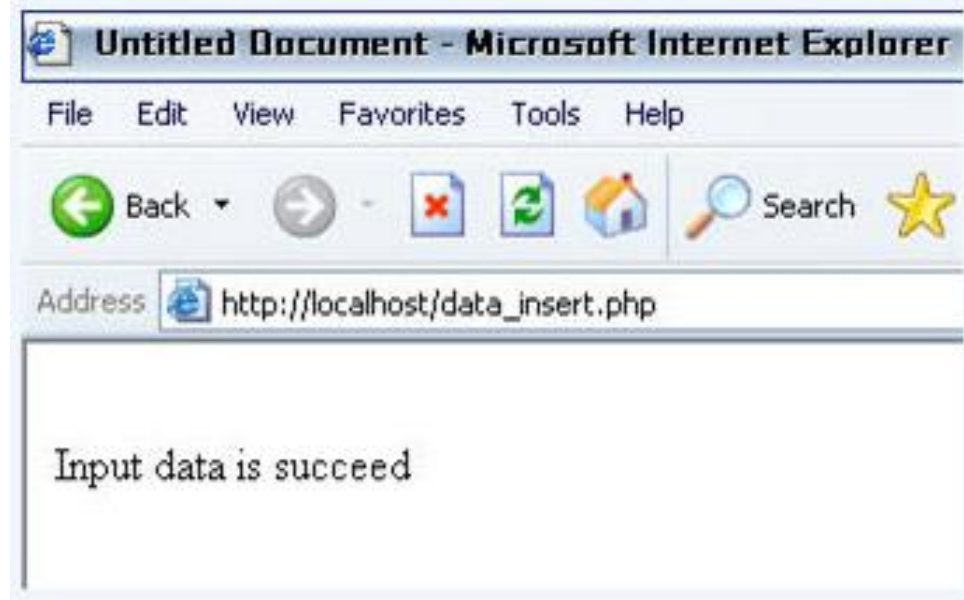
<body>
<table border="1">
  <tr>
    <td align="center">Form Input Employees Data</td>
  </tr>
  <tr>
    <td>
      <table>
        <form method="post" action="input.php">
          <tr>
            <td>Name</td>
            <td><input type="text" name="name" size="20">
            </td>
          </tr>
          <tr>
            <td>Address</td>
            <td><input type="text" name="address" size="40">
            </td>
          </tr>
          <tr>
            <td></td>
            <td align="right"><input type="submit"
            name="submit" value="Sent"></td>
          </tr>
        </table>
      </td>
    </tr>
  </table>
</body>
</html>
```

- Example

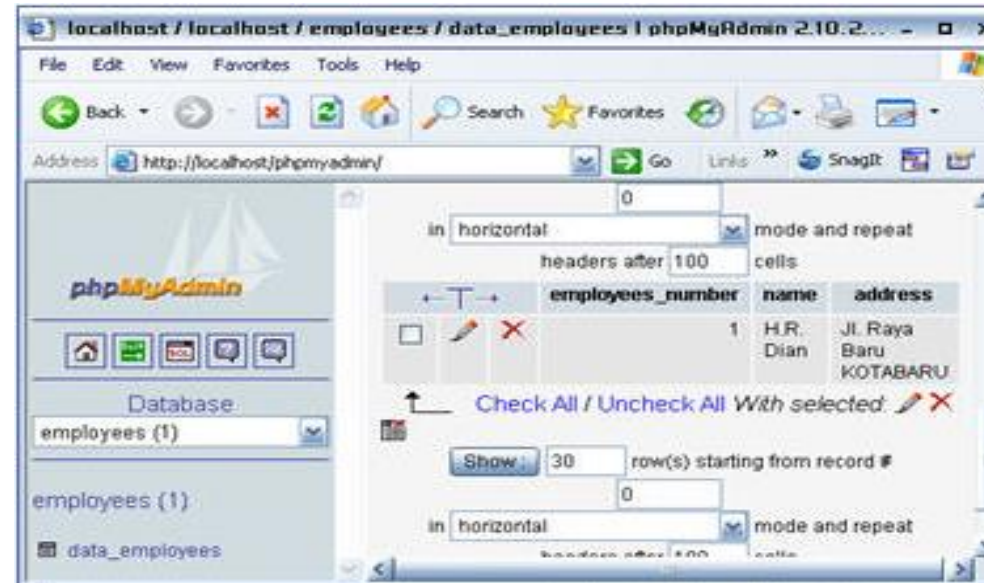
```
<?
//the example of inserting data
//data_insert.php
mysql_connect("localhost","root","admin");//datab
mysql_select_db("employees");
$order = "INSERT INTO data_employees
        (name, address)
        VALUES
        ('H.R. Dian',
        'Jl. Raya Baru KOTABARU')";
//inserting data order

//declare in the order variable
$result = mysql_query($order);
if($result){
    echo("<br>Input data is succeed");
}else{
    echo("<br>Input data is fail");
}
?>
```

- Result




- View From Phpmyadmin



Soal 2

- Jelaskan langkah – langkah untuk menampilkan data berikut ke layar:

Address  http://localhost/search.php

EMPLOYEES DATA

NAME	EMPLOYEES NUMBER	ADDRESS
Brain McFaiden	2	Obama Street B12
Clara Chloe	4	Big Paradise California CC10
H.R. Dian	1	Jl. Raya Baru KOTABARU
Jason	5	Mountain View Street VB.1
Tommy	3	Jack O'lantern Street C124 A

Jawaban Soal No. 2

1. Buat Form: Display Data
2. Asumsi, table: data_employees sudah ada
3. MySQL Connect
4. MySQL select DB
5. Buat sintaks SQL yang disimpan ke dalam variable : **Select * from**
6. MySQL Query
7. Looping data hasil get dari MySQL Query: while (mysql_fetchrow)
8. Tampilkan data sesuai dengan indeks attribute table

- Example

```
<html>
<head>
<title>Search data</title>
</head>
<body>
<table>
  <tr>
    <td align="center">EMPLOYEES DATA</td>
  </tr>
  <tr>
    <td>
      <table border="1">
        <tr>
          <td>NAME</td>
          <td>EMPLOYEES<br>NUMBER</td>
          <td>ADDRESS</td>
        </tr>
      <?
//the example of searching data
with the sequence based on the field name
//search.php
mysql_connect("localhost","root","admin");//database connection
mysql_select_db("employees");

$order = "SELECT * FROM data_employees ORDER BY name";
//order to search data
//declare in the order variable

$result = mysql_query($order);
//order executes the result is saved
//in the variable of $result

while($data = mysql_fetch_row($result)){
  echo("<tr><td>$data[1]</td><td>$data[0]</td><td>$data[2]</td></tr>");
}
?>
      </table>
    </td>
  </tr>
</table>
</body>
</html>
```

Soal 3

- Jelaskan perbedaan mekanisme upload & download ke tabel di MySQL

Soal 4

- Buat syntax sql untuk membuat table baru 'visitor'. Detail seperti berikut:

No	Field	Type	Note
1.	id	Int(11)	Id visitors, auto_increment, primary key
2.	name	Varchar(100)	
3.	email	Varchar(200)	
4.	comment	Longtext	
5.	date	Varchar(50)	
6.	ip	Varchar(50)	

Soal 5

- Jelaskan langkah-langkah yang harus dilakukan untuk membuat form GuestBook berikut:



The screenshot shows a web browser window with the address bar displaying `http://localhost/guestbook/sign_guestbook.php`. The browser's menu bar includes View, Go, Bookmarks, Tools, and Help. The page content features a yellow header with the text "Sign GuestBook". Below the header, there is a "Cancel" link. The form consists of three input fields: "Name *" with a small vertical menu icon to its left, "Email *" with a similar icon, and "Message *" with a larger vertical menu icon. A "Submit" button is located at the bottom of the form. A legend at the bottom left indicates that "*" denotes "Must Entry Data".

Sign GuestBook

[Cancel](#)

Name *

Email *

Message *

* : Must Entry Data

Soal 6

- Buat syntaks SQL untuk menampilkan data seperti berikut:

Daftar Mahasiswa PENS			
#	<u>Nrp</u>	<u>Nama</u>	<u>Jenis kelamin</u>
1	2110171001	Daegal Prayoga	Laki-laki
2	2110171002	Wifda Muna Fatihia	Perempuan
3	2110171004	Mayshella Ainun Wakhidah	Perempuan
4	2110171005	Linda Lailatus Sa'Idah	Perempuan
5	2110171006	Verent Flourenzia Irene	Perempuan
6	2110171007	Lu'lu'il Ayunin Fakhiroh	Perempuan
7	2110171008	Zahiroh Marwadila	Perempuan
8	2110171009	Sherly Maya Salsabilla	Perempuan
9	2110171010	Ahmad Jarir At Thobari	Laki-laki
10	2110171011	Adhiemas Andira Anantha Putra	Laki-laki

Soal 7

- Buat syntaks SQL untuk proses update data berikut:

No	guestbook	Delete	Update
1	From : udin harunda There is no worry about php mysql	Delete	Update
2	From : coors what can i do for you	Delete	Update
3	From : abdul i learn guestbook use php mysql	Delete	Update
4	From : ahmed a nice guestbook	Delete	Update

