

1. Menguji interkoneksi PHP dengan MySQL.

```
1  <html>
2  <head>
3  <title>Koneksi Database MySQL</title>
4  </head>
5  <body>
6  <h1>Demo koneksi database MySQL</h1>
7  <?php
8  $conn=mysqli_connect("localhost", "root", "");
9  if($conn){
10  echo "OK";
11  }else{
12  echo "Server not connected";
13  }
14  ?>
15  </body>
16  </html>
```

Demo koneksi database MySQL

OK

2. Melihat perbedaan antara `mysql_fetch_array()`, `mysql_fetch_assoc()`, `mysql_fetch_row()`.
 - a.

```
1  Create table liga (
2  kode char(3) not null,
3  negara char(15),
4  champion int
5  );
```

b.

kode	negara	champion
Jer	Jerman	4
Spa	Spanyol	3
Eng	England	3

c.

```
1  <HTML>
2  <HEAD>
3  <title>Koneksi Database MySQL</title>
4  </HEAD>
5  <BODY>
6  <h1>Koneksi database dengan mysql_fetch_array</h1>
7  <?php
8  $conn=mysqli_connect ("localhost","root","", "ligaaaa")
9  or die ("koneksi gagal");
10 $hasil = mysqli_query($conn, "select * from liga");
11 while ($row=mysqli_fetch_array($hasil)) {
12     echo "Liga " . $row["negara"]; //array asosiatif
13     echo " mempunyai " . $row[2]; //array numeris
14     echo " wakil di liga champion <br>";
15 }
16 ?>
17 </BODY>
18 </HTML>
```

Koneksi database dengan mysql_fetch_array

Liga Jerman mempunyai 4 wakil di liga champion

Liga Spanyol mempunyai 3 wakil di liga champion

Liga England mempunyai 3 wakil di liga champion

d.

```
1 <HTML>
2 <HEAD>
3 <title>Koneksi Database MySQL</title>
4 </HEAD>
5 <BODY>
6 <h1>Koneksi database dengan mysql_fetch_assoc</h1>
7 <?php
8 $conn=mysqli_connect ("localhost","root","", "ligaaaa")
9 or die ("koneksi gagal");
10 $hasil = mysqli_query($conn, "select * from liga");
11 while ($row=mysqli_fetch_row($hasil)) {
12 echo "Liga " . $row[1];
13 echo " mempunyai " . $row[2];
14 echo " wakil di liga champion <br>";
15 }
16 ?>
17 </BODY>
18 </HTML>
```

Koneksi database dengan mysql_fetch_assoc

Liga Jerman mempunyai 4 wakil di liga champion
Liga Spanyol mempunyai 3 wakil di liga champion
Liga England mempunyai 3 wakil di liga champion

3. Buku tamu

a.

```
1 Create table bukutamu (
2 nama char(20) not null,
3 email char(20),
4 komentar char (40)
5 );
```

nama	email	komentar
------	-------	----------

b.

```
1 <HTML>
2 <HEAD>
3 <title>Buku Tamu</title>
4 </HEAD>
5 <BODY>
6 <h1>Buku Tamu untuk database MySQL</h1>
7 <form action="prosesTambah.php" method="post">
8 Nama : <input type="text" name="nama" size="35"
9 maxLength="50"> <br>
10 Email : <input type="text" name="email" size="35"
11 maxLength="50"> <br>
12 Komentar : <textarea name="komentar" rows="5"
13 cols="30"></textarea> <br>
14 <input type="submit" value="Simpan">
15 <input type="reset" value="Reset">
16 </form>
17 </BODY>
18 </HTML>
```

Buku Tamu untuk database MySQL

Nama : Izzuddin Ahmad Afif

Email : izzuddinafif@gmail.com

Hello World!

Komentar :

Simpan

Reset

c.

```
2 <HEAD>
3 <title>Simpan Buku Tamu</title>
4 </HEAD>
5 <BODY>
6 <h1>Simpan Buku Tamu MySQL</h1>
7 <?php
8 $nama = $_POST["nama"] ?? null;
9 $email = $_POST["email"] ?? null;
10 $komentar = $_POST["komentar"] ?? null;
11 $conn=mysqli_connect ("localhost","root","","ligaaaa")
12 or die ("koneksi gagal");
13 echo "Nama : $nama <br>";
14 echo "Email : $email <br>";
15 echo "Komentar : $komentar <br>";
16 $sqlstr="insert into bukutamu (nama,email,komentar)
17 values ('$nama','$email','$komentar')";
18 $hasil = mysqli_query($conn, $sqlstr);
19 echo "Simpan bukutamu berhasil dilakukan";
20 ?>
21 </BODY>
22 </HTML>
```

Simpan Buku Tamu MySQL

Nama : Izzuddin Ahmad Afif

Email : izzuddinafif@gmail.com

Komentar : Hello World!

Simpan bukutamu berhasil dilakukan

d.

```
1  <?php
2  $conn = mysqli_connect("localhost","root","","ligaaaa");
3  $hasil = mysqli_query($conn, "select * from bukutamu");
4  $jumlah = mysqli_num_rows($hasil);
5  echo "<center>Daftar Pengunjung</center>";
6  echo "Jumlah pengunjung : $jumlah";
7  $a=1;
8  while($baris = mysqli_fetch_array($hasil))
9  {
10   echo "<br>";
11   echo $a;
12   echo "<br>";
13   echo "Nama : ";
14   echo $baris[0];
15   echo "<br>";
16   echo "Email : ";
17   echo $baris[1];
18   echo "<br>";
19   echo "Komentar : ";
20   echo $baris[2];
21   $a++;
22   }
23  ?>
```

Daftar Pengunjung

Jumlah pengunjung : 1

1

Nama : Izzuddin Ahmad Afif

Email : izzuddinafif@gmail.c

Komentar : Hello World!

4. Membuat program searching database dengan menggunakan tabel no 3a
a.

```
1 <HTML>
2 <HEAD>
3 <title>Cari Database</title>
4 </HEAD>
5 <BODY>
6 <h1>Searching Buku Tamu untuk database MySQL</h1>
7 <form action="hasilsearch.php" method="post">
8 <select name="kolom">
9 <option value="nama">nama</option>
10 <option value="email">email</option>
11 </select>
12 Masukkan kata yang anda cari
13 <input type="text" type="text" name="cari">
14 <input type="submit" value="cari" >
15 </form>
16 </BODY>
17 </HTML>
```

Searching Buku Tamu untuk database MySQL

nama ▼ Masukkan kata yang anda cari

b.

```
1  <?php
2  $kolom=$_POST['kolom'] ?? null;
3  $cari=$_POST['cari'] ?? null;
4  $conn=mysqli_connect("localhost","root","", "ligaaaa");
5  $hasil=mysqli_query($conn, "select * from bukutamu where
6  $kolom like '%$cari%'");
7  $jumlah=mysqli_num_rows($hasil);
8  echo "<br>";
9  echo "Ditemukan: $jumlah";
10 echo "<br>";
11 while($baris=mysqli_fetch_array($hasil))
12 {
13     echo "Nama : ";
14     echo $baris[0];
15     echo "<br>";
16     echo "Email : ";
17     echo $baris[1];
18     echo "<br>";
19     echo "Komentar : ";
20     echo $baris[2];
21 }
22 ?>
```

Ditemukan: 1

Nama : Izzuddin Ahmad Afif

Email : izzuddinafif@gmail.c

Komentar :Hello World!