



Konektivitas PHP - MySQL

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Koneksi PHP - MySQL

- Untuk melakukan koneksi PHP dengan MySQL digunakan perintah:
`mysql_connect()` -> skrip PHP.
- Sintak:
`mysql_connect("hostname","username",
"password");`



Koneksi PHP - MySQL

- Setelah terkoneksi, pilihlah database.
- Bila database yang diinginkan belum tersedia, buatlah databasenya.
- Buatlah tabel, dengan struktur datanya.



Koneksi PHP - MySQL

```
<?php
//Membuat database MySQL
$nama_db = "faruq";
$buat_db = "create database $nama_db";

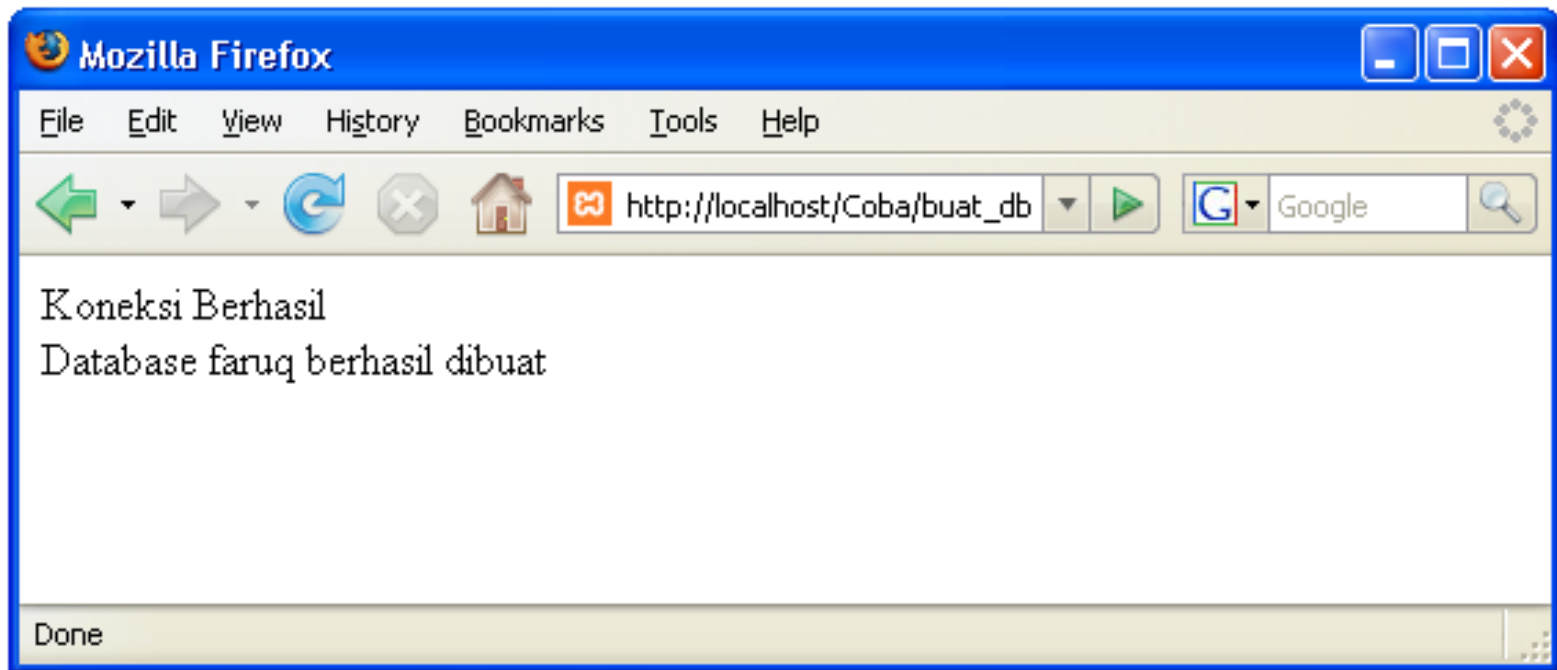
$sambung = mysql_connect("localhost","root","");

if($sambung){
    echo "Koneksi Berhasil";}
else {
    echo "Koneksi Gagal";}

$q_db = mysql_query($buat_db);
if($q_db){
    echo "<br> Database $nama_db berhasil dibuat";}
else {
    echo "<br> Database $nama_db gagal dibuat";}
?>
```

Koneksi Database

Koneksi PHP - MySQL



Koneksi PHP - MySQL

koneksi.php

```
1 <?php
2 // host:port, user, password
3 $conn = mysql_connect("localhost","root","") or die ("SERVER DOWN");
4 $db = mysql_select_db("faruq", $conn) or die ("DATABASE TIDAK ADA");
5 ?>
6
```



Koneksi PHP - MySQL

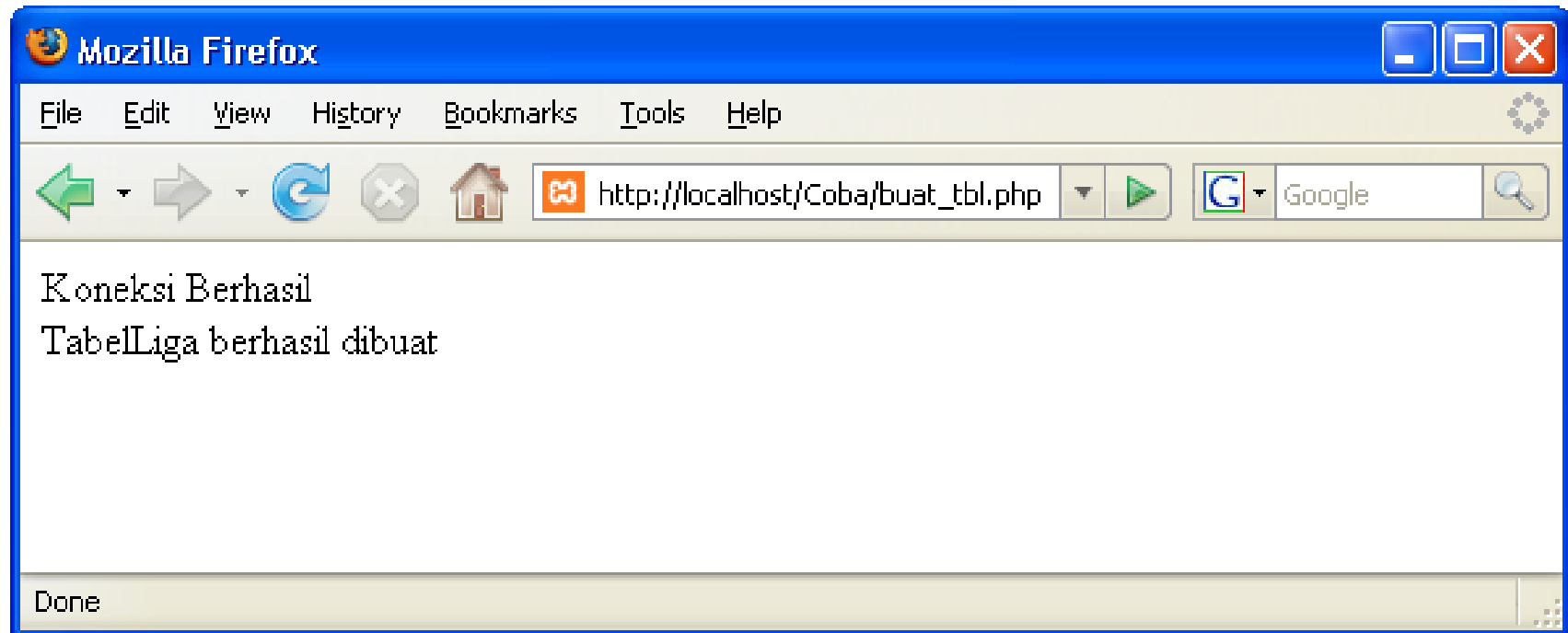
```
<?php
//Membuat tabel MySQL
$nama_tbl = "Liga";
include "koneksi.php"

$buat_tbl = "create table $nama_tbl (kode char(5)
not null, negara char(10) not null, champion int)";

$qtbl = mysql_query($buat_tbl,$conn);
if($qtbl){
    echo "<br>Tabel$nama_tbl berhasil dibuat";}
else {
    echo "<br>Tabel $nama_tbl gagal dibuat";}
?>
```

Membuat Tabel

Koneksi PHP - MySQL





Koneksi PHP - MySQL

- Membuat Form sebagai input pada sistem database.
- Input disimpan dalam satu tabel tertentu.
- Pada attribut action ditentukan file yang memiliki skrip PHP untuk menyimpan input ke tabel pada database.



Koneksi PHP - MySQL

```
<html>
<head>
  <title>Formulir Input Liga</title>
  <meta author=Sufajar>
</head>
<body>
<h1>Masukkan Data Liga</h1>
<form method=post action=simpanliga.php>
  <table>
    <tr>
      <td>Kode</td>
      <td><input type=text name=kode size=20></td>
    </tr>
    <tr>
      <td>Negara</td>
      <td><input type=text name=negara size=20></td>
    </tr>
```

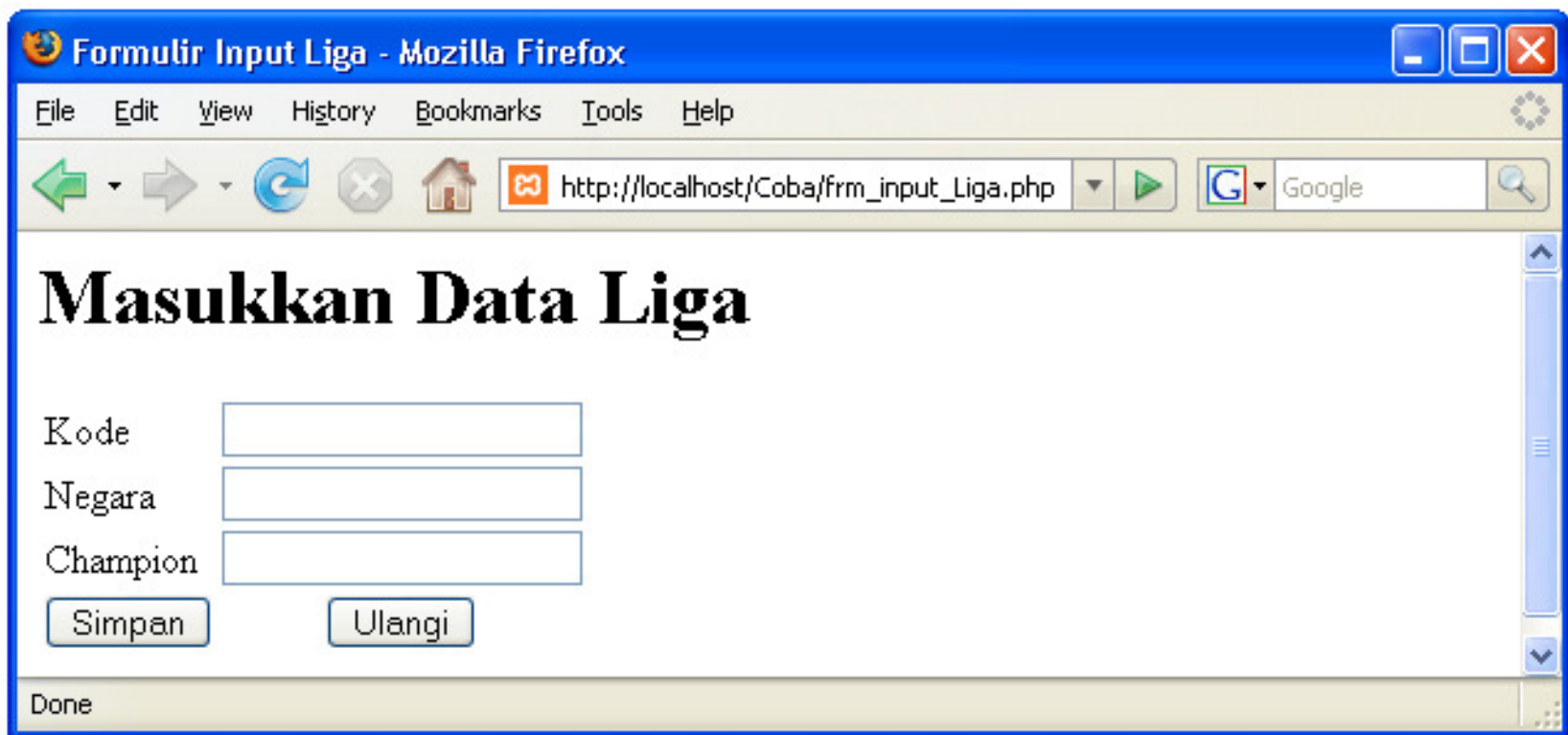
Skrip – Form Input



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```
<tr>
<td>Champion</td>
  <td><input type=text name=champion size=20></td>
</tr>
<tr>
  <td align=center><input type=submit name=submit value=Simpan></td>
  <td align=center><input type=reset name=reset value=Ulangi></td>
</tr>
</table>
</form>
</body>
</html>
```

Koneksi PHP - MySQL



The screenshot shows a Mozilla Firefox browser window with the title "Formulir Input Liga - Mozilla Firefox". The address bar displays the URL "http://localhost/Coba/frm_input_Liga.php". The main content area features the heading "Masukkan Data Liga" and three input fields labeled "Kode", "Negara", and "Champion". Below the input fields are two buttons: "Simpan" and "Ulangi". The status bar at the bottom of the browser window shows "Done".

Formulir Input Liga - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost/Coba/frm_input_Liga.php

Masukkan Data Liga

Kode

Negara

Champion

Simpan Ulangi

Done



Koneksi PHP - MySQL

- Untuk menyimpan input ke tabel MySQL, terlebih dahulu input dibaca sesuai metode yang digunakan.
- Untuk menyimpan ke database digunakan perintah:

```
$hasil = mysql_query("SQL  
Statement");
```



Koneksi PHP - MySQL

```
<?php
Include "koneksi.php";
?>
<html>
<head>
  <title>Simpan Liga</title>
  <meta author=Sufajar>
</head>
<body>
<h1>Data Liga</h1>
<?php
$kode = $_POST['kode'];
$negara = $_POST['negara'];
$champion = $_POST['champion'];
?>
```

Skrip – Simpan Data



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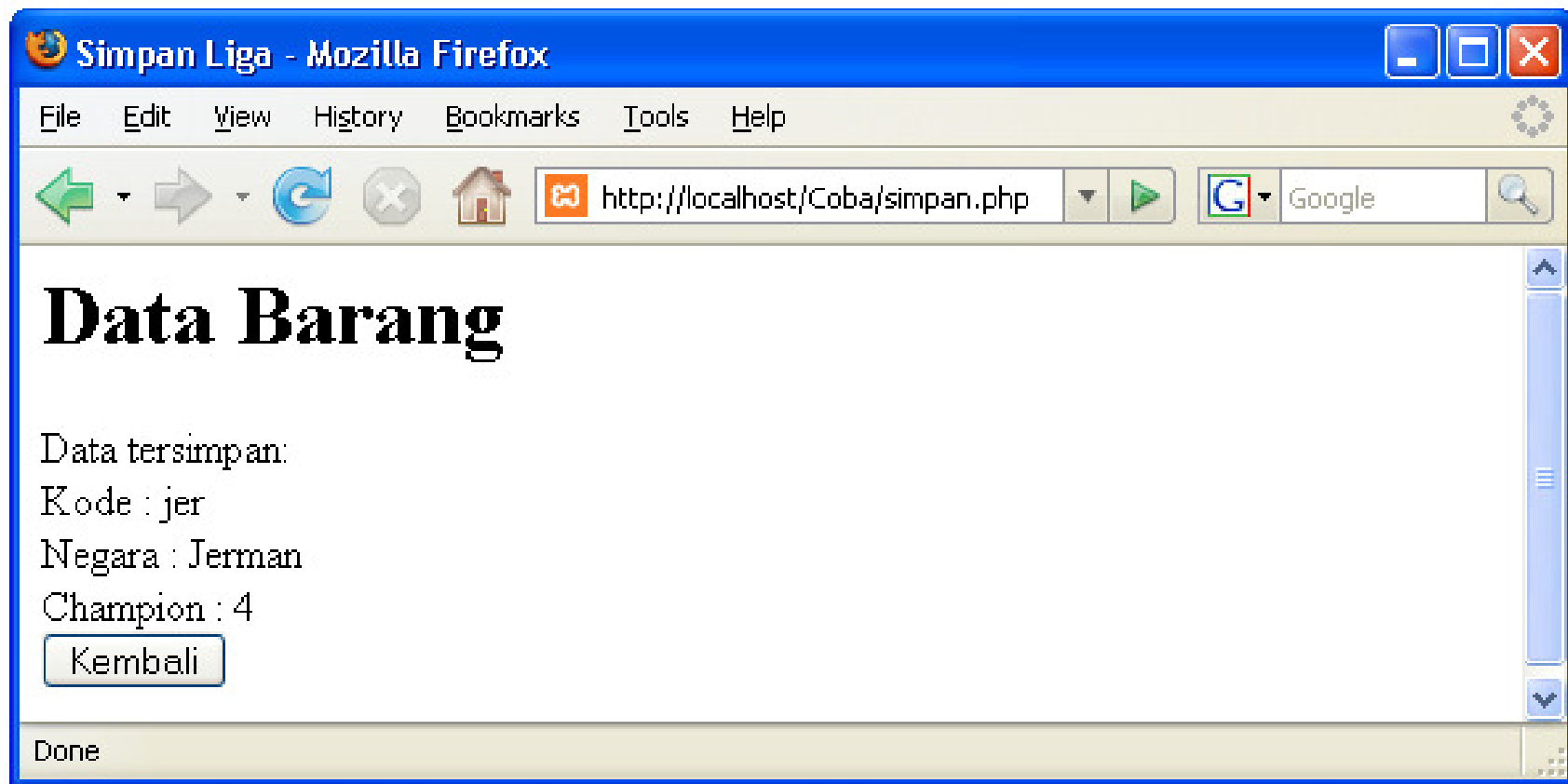
```
<?php
$q_simpan = "insert into Liga values('$kode' , '$negara', '$champion)";
$hasil = mysql_query($q_simpan,$conn);
```

```
if($hasil){
echo "Data tersimpan: <br>";
echo "Kode           : ".$kode."<br>";
echo "Negara         : ".$negara."<br>";
echo "Champion       : ".$champion."<br>";
}else{
echo "Data gagal disimpan";}
?>
```

Skrip – Simpan Data

```
<form method=post action=frm_input_Liga.php>
<input type=submit value=Kembali>
</form>
</body>
</html>
```

Koneksi PHP - MySQL

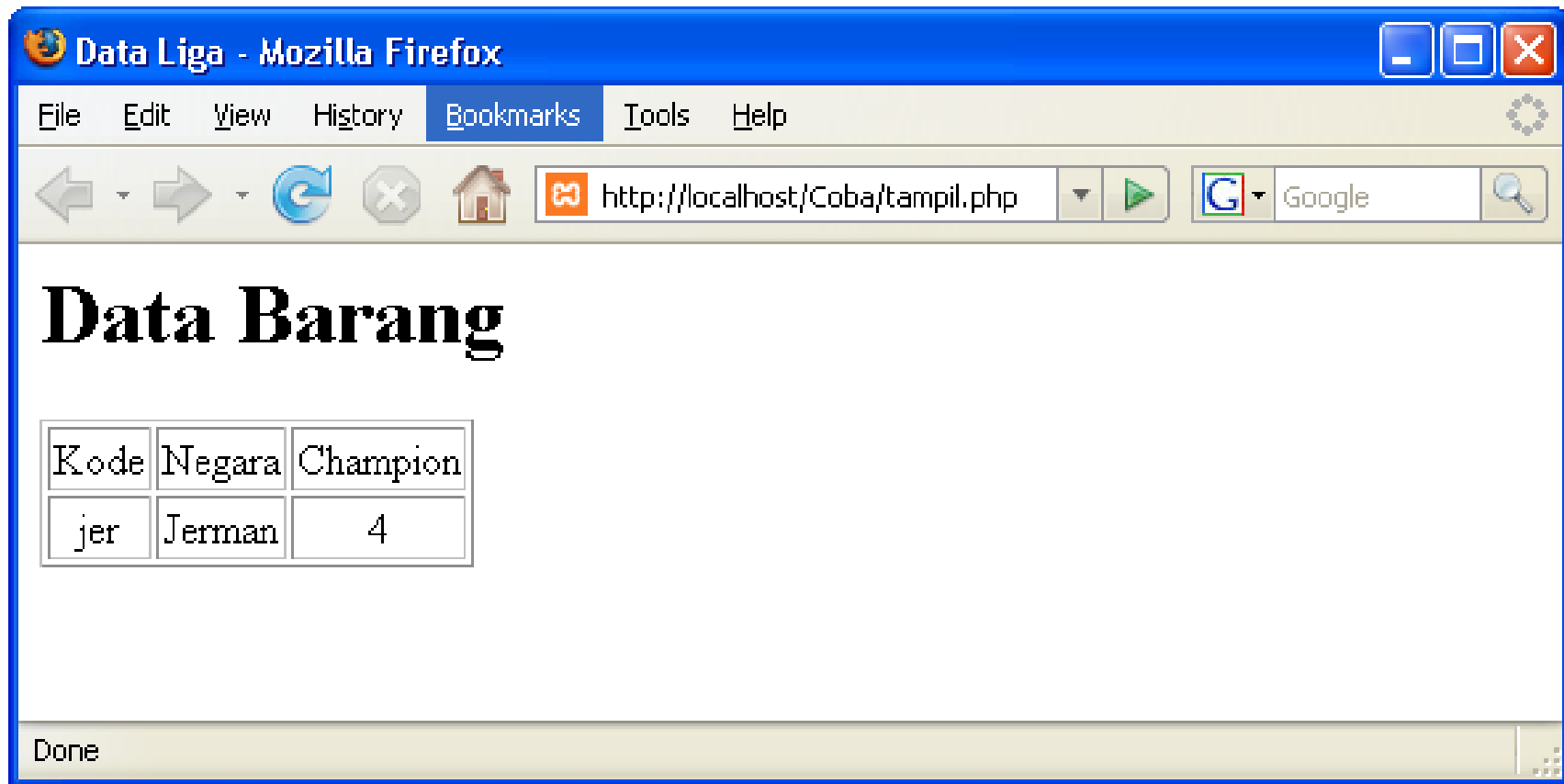


Koneksi PHP - MySQL

```
<?php
include "koneksi.php"
$tampil = "select * from Liga";
$q_buat = mysql_query($tampil,$conn) or die (mysql_error());
?>
<table border=1>
<tr>
<td>Kode</td>
<td>Negara</td>
<td>Champion</td>
</tr>
<?php
while($row = mysql_fetch_row($q_buat)){
echo ("<tr align=center><td>$row[0]</td>");
echo ("<td>$row[1]</td>");
echo ("<td>$row[2]</td></tr>");
}
?>
</table>
<?
//<form method=post action=edit.php><input type=submit value=Edit
name=edit></form>
//<form method=post action=tambah.php><input type=submit value=Tambah
name=tambah></form>
?>
```

Skrip – Menampilkan Data

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The screenshot shows a Mozilla Firefox browser window titled "Data Liga - Mozilla Firefox". The address bar displays the URL "http://localhost/Coba/tampil.php". The page content features a large heading "Data Barang" and a table with the following data:

Kode	Negara	Champion
jer	Jerman	4

The status bar at the bottom of the browser window shows "Done".



Koneksi PHP - MySQL

Form Pencarian

- Buat Input dengan type **radio** untuk memilih field pencarian.
- Buat Input dengan type **text** sebagai kata kunci pencarian.
- Buat tombol Cari, Input -> type **Submit**



Koneksi PHP - MySQL

```
<HTML>
<HEAD>
  <title>Cari Database</title>
</HEAD>
<BODY>
<h1>Searching Liga untuk database MySQL</h1>
<form action="hasilsearchliga.php" method="post">
  <select name="kolom">
    <option value="kode">Kode</option>
    <option value="negara">Negara</option>
  </select>
  Masukkan kata yang anda cari
  <input type="text" type="text" name="cari">
  <input type="submit" value="cari" >
</form>
</BODY>
</HTML>
```

Form - Search

Koneksi PHP - MySQL



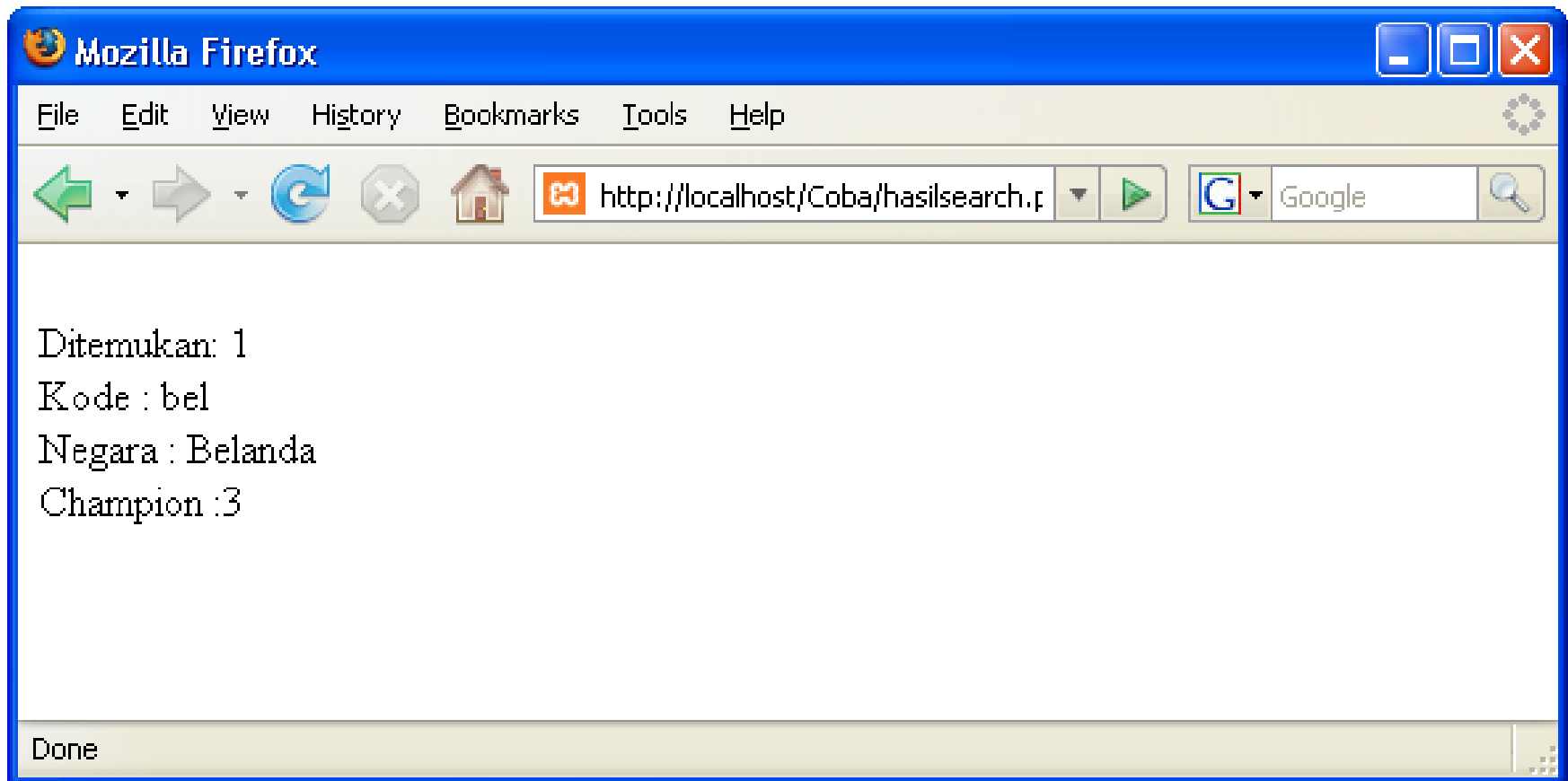


Koneksi PHP - MySQL

Skrip Search

```
<?php
$kolom=$_POST['kolom'];
$cari=$_POST['cari'];
include "koneksi.php"
$hasil=mysql_query("select * from Liga where $kolom like '%$cari'", $conn);
$jumlah=mysql_num_rows($hasil);
echo "<br>";
echo "Ditemukan: $jumlah";
echo "<br>";
while($baris=mysql_fetch_array($hasil))
{
echo "Kode : ";
echo $baris[0];
echo "<br>";
echo "Negara : ";
echo $baris[1];
echo "<br>";
echo "Champion :";
echo $baris[2];
}
?>
```

Koneksi PHP - MySQL





Sekian - Terima Kasih
