

PRAKTIKUM PEMPROGRAMAN WEB

UTS

Laporan ini disusun untuk memenuhi tugas mata kuliah Praktikum Pemrograman Web

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Kelas : informatika B

PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS ILMU KOMPUTER

INSTITUT TEKNOLOGI GARUT

2023

1. Membuat database di MySql

```
Administrator: XAMPP for Windows - mysql -u root -p

Setting environment for using XAMPP for Windows.
nurci@NURCINTAASIH29 c:\xampp
# cd mysql/bin

nurci@NURCINTAASIH29 c:\xampp\mysql\bin
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 22
Server version: 10.4.27-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

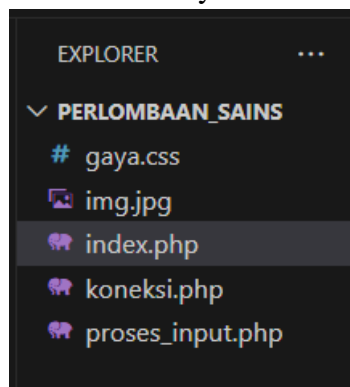
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database 2106140_nurcinta;
Query OK, 1 row affected (0.010 sec)

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| 2106140_nurcinta |
| db_coba |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
7 rows in set (0.002 sec)

MariaDB [(none)]> use 2106140_nurcinta;
Database changed
MariaDB [2106140_nurcinta]> create table peserta (
  -> id int auto_increment primary key,
  -> nama varchar(100) not null,
  -> no_hp varchar(15) not null,
  -> asal_sekolah varchar(100) not null,
  -> alamat text not null,
  -> email varchar(100) not null,
  -> jenis_perlombaan varchar(50) not null,
  -> waktu_perlombaan date not null,
  -> passwors varchar(100) not null);
Query OK, 0 rows affected (0.019 sec)
```

2. Membuat folder baru di htdoc dan file-file nya



3. Source Code

Index.php

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

<head>
  <title>Pendaftaran Perlombaan Sains Antar SMA</title>
  <link rel="stylesheet" href="./gaya.css">
</head>

<body>
  <div class="box">
    <h1>Perlombaan Sains</h1>
    <form action="./proses_input.php" method="post">
      <label for="nama">nama</label>
      <input type="text" name="nama" maxlength="100"
class="form-input" required>

      <label for="no_hp">Nomor HP:</label>
      <input type="tel" id="no_hp" name="no_hp" required>

      <label for="asal_sekolah">Asal Sekolah:</label>
      <input type="text" id="asal_sekolah" name="asal_sekolah"
required>

      <label for="alamat">Alamat:</label>
      <textarea id="alamat" name="alamat" class="form-input"
rows="3" required></textarea>

      <label for="email">Email:</label>
      <input type="email" id="email" name="email" class="form-
input" required>

      <div class="mb-3">
        <label for="jenis_perlombaan" class="form-
label">Jenis Perlombaan</label>
        <select class="form-control" id="jenis_perlombaan"
name="jenis_perlombaan" required>
          <option value="">-- Pilih jenis Perlombaan --
</option>

          <option value="matematika">Matematika </option>
          <option value="fisika">fisika </option>
          <option value="kimia">Kimia </option>
          <option value="biologi">Biologi </option>
        </select>
      </div>
```

```

        <div class="mb-3 col-6">
            <label for="waktu" class="form-label">waktu</label>
            <select class="form-control" id="waktu" name="waktu"
required>
                <option value="">-- Pilih Waktu --</option>
                <option value="2024-01-06">2024-01-06 </option>
                <option value="2024-01-07">2024-01-07 </option>
                <option value="2024-01-08">2024-01-08 </option>
                <option value="2024-01-09">2024-01-09 </option>
            </select>
        </div>

        <label for="password">Password:</label>
        <input type="password" id="password" name="password"
required>

        <button type="submit" id="btn-kirim"> kirim</button>
    </form>
</div>
</body>
</html>

```

Koneksi.php

```

<?php

/* Membuat koneksi dengan MySQL */
$koneksi = mysqli_connect("localhost", "root", "", "db_coba");

/* periksa koneksi, jika tidak terkoneksi maka tampilkan pesan
gagal */
if (!$koneksi) {
    echo "<script>alert('koneksi database gagal'); </script>";

}

```

Proses_input.php

```

<?php
$host = "localhost";
$username = "root";
$password = "";
$database = "2106140_nurcinta";

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

```

```

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $nama = $_POST["nama"];
    $no_hp = $_POST["no_hp"];
    $asal_sekolah = $_POST["asal_sekolah"];
    $alamat = $_POST["alamat"];
    $email = $_POST["email"];
    $jenis_perlombaan = $_POST["jenis_perlombaan"];
    $waktu_perlombaan = $_POST["waktu"];
    $password = password_hash($_POST["password"], PASSWORD_DEFAULT);

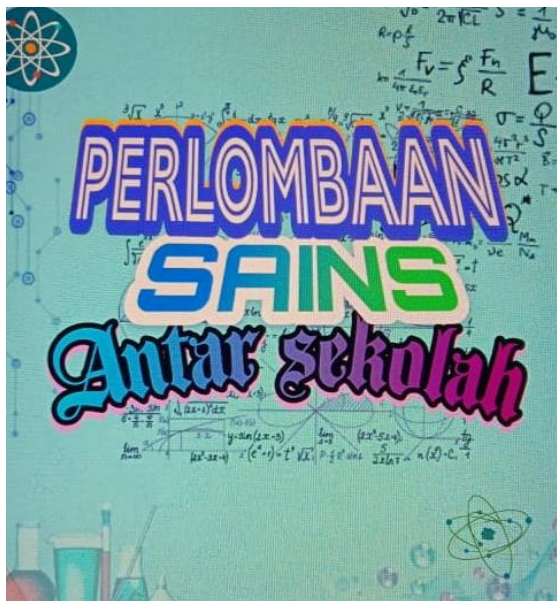
    $sql = "INSERT INTO peserta (nama, no_hp, asal_sekolah, alamat,
email, jenis_perlombaan, waktu_perlombaan, password)
VALUES ('$nama', '$no_hp', '$asal_sekolah', '$alamat',
'$email', '$jenis_perlombaan', '$waktu_perlombaan', '$password')";

    if ($conn->query($sql) === TRUE) {
        echo "Pendaftaran berhasil!";
    } else {
        echo "Error: " . $sql . "<br>" . $conn->error;
    }

    $conn->close();
}

```

img.jpg



4. Hasil Source Code

The screenshot shows a web browser window with the address bar displaying `localhost/Perlombaan_sains/`. The page features a registration form titled "Perlombaan Sains" overlaid on a background image with the text "PERLOMBAAAN SAINS Antologi Sekolah". The form includes the following fields:

- nama:
- Nomor HP:
- Asal Sekolah:
- Alamat:
- Email:
- Jenis Perlombaan:
- waktu:
- Password:
- A blue "kirim" button at the bottom.

This screenshot shows the same registration form as above, but with sample data entered into the fields:

- nama: nurcinta
- Nomor HP: 083895929050
- Asal Sekolah: SMAN 4
- Alamat: kp caringin
- Email: nurcinta05ityasa2003@gmail.com
- Jenis Perlombaan: Matematika
- waktu: 2024-01-06
- Password: [masked]
- The "kirim" button remains at the bottom.

The screenshot shows a web browser window with the address bar displaying `localhost/Perlombaan_sains/proses`. The page content is a simple confirmation message:

Pendaftaran berhasil!

localhost / 127.0.0.1 / 2106140

localhost/phpmyadmin/index.php?route=/sql&db=2106140_nurcinta&table=peserta&pos=0

Server: 127.0.0.1 Database: 2106140_nurcinta Table: peserta

phpMyAdmin

Recent Favorites

- New
- 2106140_nurcinta
 - New
 - peserta
- db_coba
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Showing rows 0 - 0 (1 total. Query took 0.0009 seconds)

SELECT * FROM `peserta`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

Extra options

	id	nama	no_hp	asal_sekolah	alamat	email	jenis_perlombaan	waktu_perlombaan	password
<input type="checkbox"/>	1	nurcinta	083895929050	SMAN 4	kp caringin	nurcinta05ilyasa2003@gmail.com	matematika	2024-01-06	\$2y\$10\$IFU1550N4skJExN/sk

☐ Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Console < this SQL query