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Lab 13

SQL

CREATE DATABASE university;

USE university;

CREATE TABLE students (

   id INT PRIMARY KEY AUTO_INCREMENT,

   name VARCHAR(50) NOT NULL,

   email VARCHAR(100) NOT NULL,

   password VARCHAR(255) NOT NULL

);

HTML

```
<!DOCTYPE html>
<html>
<head>
   <title>Student Registration Form</title>
</head>
<body>
   <h2>Student Registration Form</h2>
   <form action="process_form.php" method="post">
      <label>ID:</label>
```

```html
        <input type="text" name="id" required><br>


        <label>Name:</label>
        <input type="text" name="name" required><br>


        <label>Email:</label>
        <input type="email" name="email" required><br>


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


        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

process_form.php

```php
<?php
// Establish a connection to the database
$servername = "localhost";
$username = "your_database_username";
$password = "your_database_password";
$dbname = "university";


$conn = new mysqli($servername, $username, $password, $dbname);


// Check the connection
```

```php
if ($conn->connect_error) {

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

}


// Get data from the form

$id = $_POST['id'];

$name = $_POST['name'];

$email = $_POST['email'];

$password = $_POST['password'];


// Insert data into the "students" table

$sql = "INSERT INTO students (id, name, email, password) VALUES ('$id', '$name', '$email', '$password')";


if ($conn->query($sql) === TRUE) {

    echo "Student record added successfully!";

} else {

    echo "Error: " . $sql . "<br>" . $conn->error;

}


$conn->close();

?>
```

show_students.php

```php
<?php

$servername = "localhost";

$username = "your_database_username";
```

```php
$password = "your_database_password";

$dbname = "university";


$conn = new mysqli($servername, $username, $password, $dbname);


// Check the connection

if ($conn->connect_error) {

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

}


// Fetch students' details from the "students" table

$sql = "SELECT * FROM students";

$result = $conn->query($sql);


if ($result->num_rows > 0) {

    echo "<h2>Students Details</h2>";

    echo "<table border='1'>";

    echo "<tr><th>ID</th><th>Name</th><th>Email</th></tr>";

    while ($row = $result->fetch_assoc()) {

        echo "<tr><td>" . $row['id'] . "</td><td>" . $row['name'] . "</td><td>" . $row['email'] . "</td></tr>";

    }

    echo "</table>";

} else {

    echo "No records found.";

}
```

```php
$conn->close();

?>
```