



WEB Tutorial

PHP with mySQL

1. Create "*students*" table with *id*, *name*, *email*, *password* fields inside the "*university*" database.

```
CREATE TABLE students (  
id INT AUTO_INCREMENT PRIMARY KEY,  
name VARCHAR(100) NOT NULL,  
email VARCHAR(100) NOT NULL,  
password VARCHAR(100) NOT NULL  
);
```

2. Create html file with form to get *id*, *name*, *email*, *password*.

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
    <title>Student Registration</title>  
</head>  
  
<body>  
    <h2>Student Registration Form</h2>  
    <form action="store_data.php" method="post">  
        <label for="name">Name:</label>  
        <input type="text" name="name" required><br>  
        <label for="email">Email:</label>  
        <input type="email" name="email" required><br>  
        <label for="password">Password:</label>  
        <input type="password" name="password" required><br>
```

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

3. Send data to PHP file and store in the “*university*” database.

```
<?php
$servername = "localhost";
$username = "your_username"; // Replace with your MySQL username
$password = "your_password"; // Replace with your MySQL password
$dbname = "university";

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

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

// Collect data from the HTML form
$name = $_POST['name'];
$email = $_POST['email'];
$password = $_POST['password'];

// Insert data into the "students" table
$sql = "INSERT INTO students (name, email, password) VALUES ('$name', '$email', '$password')";

if ($conn->query($sql) === TRUE) {
    echo "Registration successful!";
} else {
```

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

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

```
?>
```

4. Create another file to show students details using table.

```
<?php
```

```
$servername = "localhost";
```

```
$username = "your_username"; // Replace with your MySQL username
```

```
$password = "your_password"; // Replace with your MySQL password
```

```
$dbname = "university";
```

```
// Create connection
```

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

```
// Check connection
```

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

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

```
}
```

```
// Retrieve data 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'>
```

```
        <tr>
```

```
            <th>ID</th>
```

```
            <th>Name</th>
```

```
<th>Email</th>
```

```
</tr>";
```

```
// Output data of each row
```

```
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 students found.";
```

```
}
```

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

```
?>
```