

pg21.php

<!-- 21. Write a PHP Program to Upload File. -->

```
<?php
$file_upload="uploads/";
$target_file=$file_upload . basename($_FILES["fileToUpload"]["name"]);
$uploadOK=1;
$imagefiletype=strtolower(pathinfo($target_file,PATHINFO_EXTENSION));

if(isset($_POST["submit"]))
{
    $check=getimagesize($_FILES["fileToUpload"]["tmp_name"]);
    if($check!==false)
    {
        echo "File is an image-" . $check["mime"] . ",";
        $uploadOK=1;
    }
    else
    {
        echo "File is not an image.";
        $uploadOK=0;
    }
}
?>
<form method="post" enctype="multipart/form-data">
    Select image to upload:
    <input type="file" name="fileToUpload" id="fileToUpload"> <br>
    <input type="submit" value="Uploaf File" name="submit">
</form>
```

Output

File is an image-image/png,

Select image to upload: No file chosen

pg22.php

<!-- 22. Write a PHP program for Error Handling. -->

```
<?php
```

```
function divide($dividend, $divisor) {  
    if ($divisor == 0) {  
        throw new Exception("Division by zero.");  
    }  
    return $dividend / $divisor;  
}
```

```
try {  
    echo divide(10, 0);  
} catch (Exception $e) {  
    echo "Caught exception: " . $e->getMessage();  
} finally {  
    echo "\nExecution completed."  
}  
?>
```



pg23.php

<!-- 23. Write a PHP Program for Session and Cookies. -->

<?php

```
session_start();
```

```
$_SESSION["user"]="user";
```

```
$_SESSION["username"] = "JohnDoe";
```

```
$_SESSION["email"] = "john.doe@example.com";
```

```
setcookie("user", "JohnDoe", time() + 3600, "/");
```

```
if(isset($_SESSION["username"]) && isset($_SESSION["email"])) {
```

```
    echo "Session variables are set.<br>";
```

```
    echo "Username: " . $_SESSION["username"] . "<br>";
```

```
    echo "Email: " . $_SESSION["email"] . "<br>";
```

```
} else {
```

```
    echo "Session variables are not set.<br>";
```

```
}
```

```
if(isset($_COOKIE["user"])) {
```

```
    echo "Cookie 'user' is set.<br>";
```

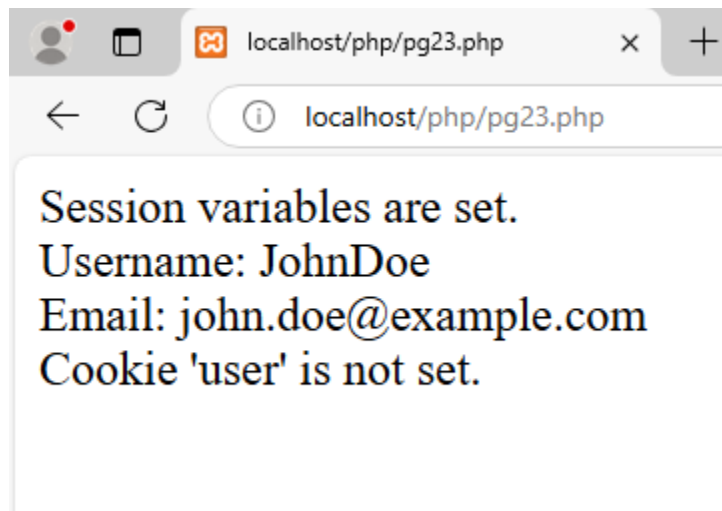
```
    echo "Value: " . $_COOKIE["user"] . "<br>";
```

```
} else {
```

```
    echo "Cookie 'user' is not set.<br>";
```

```
}
```

```
?>
```



pg24.php

<!-- 24. Write PHP program to create simple Login and Logout using sessions. -->

<?php

session_start();

if (isset(\$_POST['login'])) {

 \$username = \$_POST['username'];

 \$password = \$_POST['password'];

 \$valid_username = 'admin';

 \$valid_password = 'password';

 if (\$username === \$valid_username && \$password === \$valid_password) {

 \$_SESSION['username'] = \$username;

 header('Location: welcome.php');

 exit();

 } else {

 \$error = "Invalid username or password!";

 }

}

if (isset(\$_GET['logout'])) {

 session_destroy();

 header('Location: pg24.php');

 exit();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

 <title>Login</title>

</head>

<body>

 <h2>Login</h2>

 <?php if (isset(\$error)) { echo "<p style='color:red;'>\$error</p>"; } ?>

 <form method="post" action="">

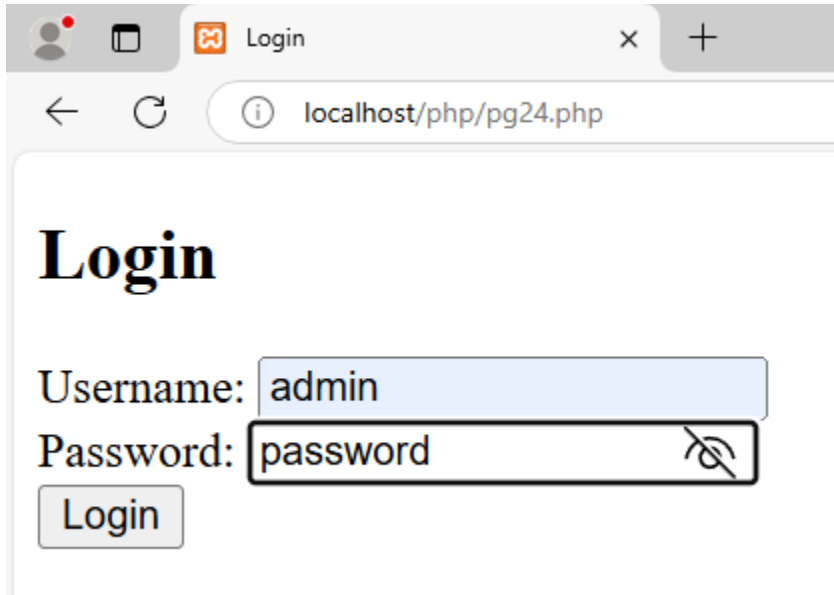
 <label for="username">Username:</label>

 <input type="text" id="username" name="username" required>

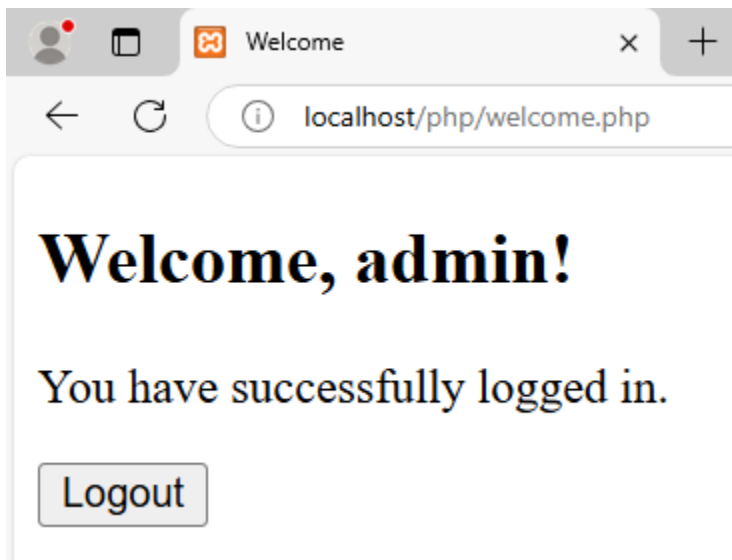
 <label for="password">Password:</label>

 <input type="password" id="password" name="password" required>

```
<br>
<button type="submit" name="login">Login</button>
</form>
</body>
</html>
```



A screenshot of a web browser window. The title bar shows a single tab titled "Login". The address bar displays "localhost/php/pg24.php". The page content features a large heading "Login". Below the heading, there is a form with two input fields: "Username:" containing the text "admin" and "Password:" containing the text "password". To the right of the password field is a small icon of an eye with a diagonal line through it, indicating a toggle for password visibility. Below the password field is a button labeled "Login".



A screenshot of a web browser window. The title bar shows a single tab titled "Welcome". The address bar displays "localhost/php/welcome.php". The page content features a large heading "Welcome, admin!". Below the heading, there is a message "You have successfully logged in." and a button labeled "Logout".

pg25.php

<!-- 25. Write a PHP program for connection with mysql. -->

```
<?php
```

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

```
$username="root";
```

```
$password="";
```

```
$database="phpdb";
```

```
$conn=mysqli_connect($servername,$username,$password,$database);
```

```
if(!$conn)
```

```
{
```

```
    die("Connection Failed" . mysqli_error($conn));
```

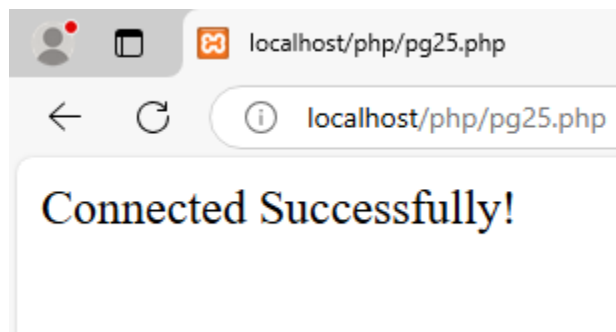
```
}
```

```
else{
```

```
    echo"Connected Successfully!";
```

```
}
```

```
?>
```



pg26.php

<!-- 26. Write a PHP program for add record into database. -->

<?php

\$servername = "localhost";

\$username = "root";

\$password = "";

\$dbname = "phpdb";

\$conn = mysqli_connect(\$servername, \$username, \$password, \$dbname);

if(!\$conn)

{

die("Connection Failed" . mysqli_error(\$conn));

}

if (\$_SERVER["REQUEST_METHOD"] == "POST") {

\$id = \$_POST['id'];

\$name = \$_POST['name'];

\$email = \$_POST['email'];

\$sql = "INSERT INTO student (id,name, email) VALUES ('\$id','\$name', '\$email')";

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

echo "New record created successfully";

} else {

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

}

}

\$conn->close();

?>

<html>

<body>

<h2>Add Record</h2>

<form method="post" action="<?php echo \$_SERVER['PHP_SELF'];?>">

ID: <input type="text" name="id">

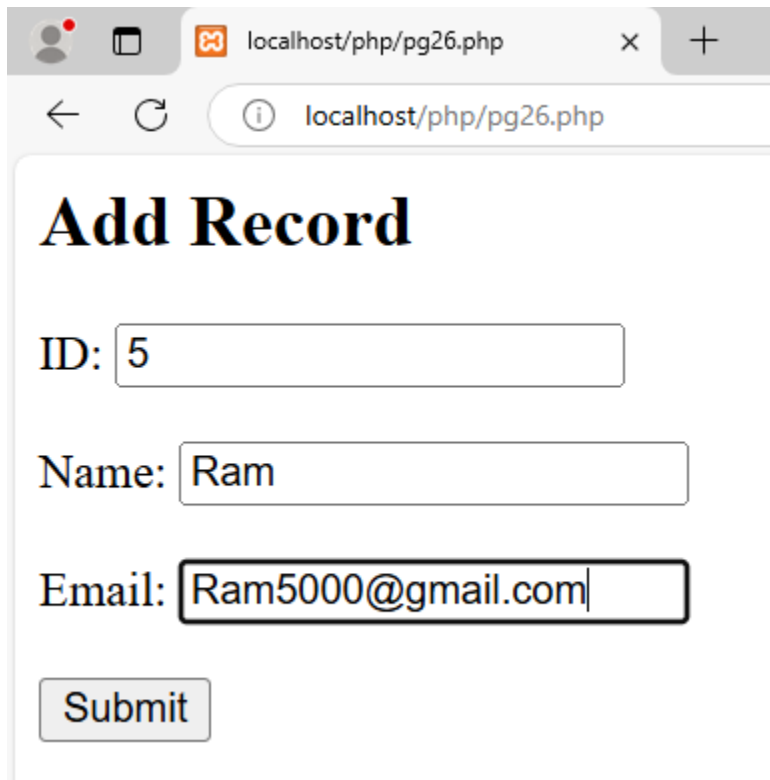
Name: <input type="text" name="name">

Email: <input type="text" name="email">

<input type="submit" value="Submit">

</form>

</body>
</html>



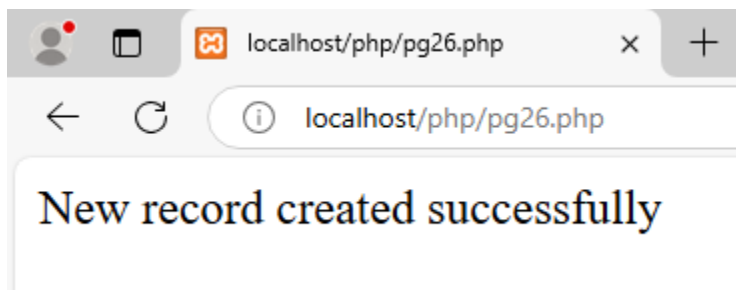
A screenshot of a web browser window. The address bar shows 'localhost/php/pg26.php'. The page title is 'Add Record'. Below the title, there are three input fields: 'ID:' with the value '5', 'Name:' with the value 'Ram', and 'Email:' with the value 'Ram5000@gmail.com'. Below these fields is a 'Submit' button.

Add Record

ID:

Name:

Email:



A screenshot of a web browser window. The address bar shows 'localhost/php/pg26.php'. The page displays the message 'New record created successfully'.

New record created successfully

pg27.php

<!-- 27. Write a PHP program for search record from the database. -->

<?php

\$servername = "localhost";

\$username = "root";

\$password = "";

\$dbname = "phpdb";

\$conn = mysqli_connect(\$servername, \$username, \$password, \$dbname);

if(!\$conn)

{

die("Connection Failed" . mysqli_error(\$conn));

}

if (isset(\$_POST['search'])) {

\$searchTerm = \$_POST['searchTerm'];

\$sql = "SELECT * FROM student WHERE name LIKE '%\$searchTerm%'";

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

if (\$result->num_rows > 0) {

// Output data of each row

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

echo "id: " . \$row["id"]. " - Name: " . \$row["name"]. "
";

}

} else {

echo "0 results";

}

}

\$conn->close();

?>

<html>

<body>

<form method="post" action="">

Search: <input type="text" name="searchTerm">

<input type="submit" name="search" value="Search">

</form>

</body>

</html>

localhost/php/pg27.php

×

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i

localhost/php/pg27.php

id: 5 - Name: Ram

Search:

Search

pg28.php

<!-- 28. Write a PHP program for delete, update record from the database. -->

<?php

\$servername = "localhost";

\$username = "root";

\$password = "";

\$dbname = "phpdb";

\$conn = mysqli_connect(\$servername, \$username, \$password, \$dbname);

if(!\$conn)

{

die("Connection Failed" . mysqli_error(\$conn));

}

if (isset(\$_POST['delete'])) {

\$id = \$_POST['id'];

\$sql = "DELETE FROM student WHERE id=\$id";

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

echo "Record deleted successfully";

} else {

echo "Error deleting record: " . \$conn->error;

}

}

if (isset(\$_POST['update'])) {

\$id = \$_POST['id'];

\$new_value = \$_POST['new_value'];

\$sql = "UPDATE student SET name='\$new_value' WHERE id=\$id";

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

echo "Record updated successfully";

} else {

echo "Error updating record: " . \$conn->error;

}

}

\$conn->close();

?>

<html>

<body>

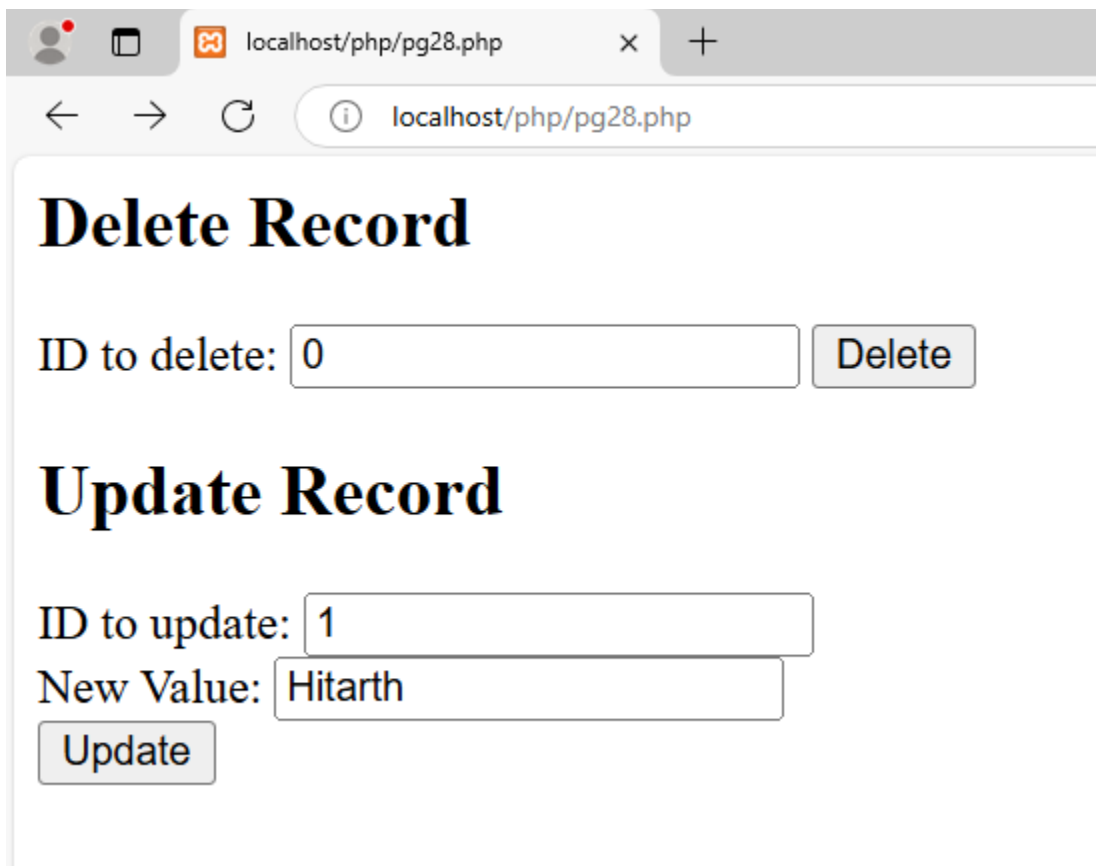
<h2>Delete Record</h2>

<form method="post">

ID to delete: <input type="text" name="id">

```
<input type="submit" name="delete" value="Delete">
</form>
```

```
<h2>Update Record</h2>
<form method="post">
  ID to update: <input type="text" name="id"><br>
  New Value: <input type="text" name="new_value"><br>
  <input type="submit" name="update" value="Update">
</form>
</body>
</html>
```



The screenshot shows a web browser window with the address bar displaying 'localhost/php/pg28.php'. The page content is divided into two sections. The first section, titled 'Delete Record', contains a form with a label 'ID to delete:', an input field containing the value '0', and a 'Delete' button. The second section, titled 'Update Record', contains a form with a label 'ID to update:', an input field containing the value '1', a label 'New Value:', an input field containing the value 'Hitarth', and an 'Update' button.

Delete Record

ID to delete:

Update Record

ID to update:
New Value:

pg29.php

<!-- 29. Write a PHP program for display all record from the database. -->

```
<?php
```

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

```
$username = "root";
```

```
$password = "";
```

```
$dbname = "phpdb";
```

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

```
if(!$conn)
```

```
{
```

```
    die("Connection Failed" . mysqli_error($conn));
```

```
}
```

```
$sql = "SELECT * FROM student";
```

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

```
if ($result->num_rows > 0) {
```

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

```
        echo "id: " . $row["id"]. " - Name: " . $row["name"]. " - Email: " . $row["email"]. "<br>";
```

```
    }
```

```
} else {
```

```
    echo "0 results";
```

```
}
```

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

```
?>
```

