

# Form Handling with PHP

## Get / Post Method

## PHP Superglobal Usage

[https://www.w3schools.com/php/php\\_forms.asp](https://www.w3schools.com/php/php_forms.asp)

# Form handling with get method

[https://www.w3schools.com/PHP/php\\_forms.asp](https://www.w3schools.com/PHP/php_forms.asp)

```
<html>
```

```
<body>
```

```
<form action="welcomeget.php" method="get">
```

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

```
E-mail: <input type="text" name="email"> <br>
```

```
<input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

(C:) > xampp > htdocs > php

formget.html;  
welcomeget.php

- Use the source code of w3schools for the Apache of XAMPP.
- Be sure to run your Apache server with the same source code.

# GET method with super global variable, \$\_GET

[https://www.w3schools.com/PHP/php\\_forms.asp](https://www.w3schools.com/PHP/php_forms.asp)

```
<html>  
<body>
```

```
Welcome <?php echo $_GET["name"]; ?> <br>  
Your email address is: <?php echo $_GET["email"]; ?>
```

```
</body>  
</html>
```

- Use the source code of w3schools for the Apache of XAMPP.
- Be sure to run your Apache server with the same source code.

← → ↻ ⓘ localhost:8088/php/formGet1.html

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Name: Eugene

E-mail: eugene@handong.edu

제출

← → ↻ ⓘ localhost:8088/php/welcomeGet.php?name=Eugene&email=eugene%40handong.edu

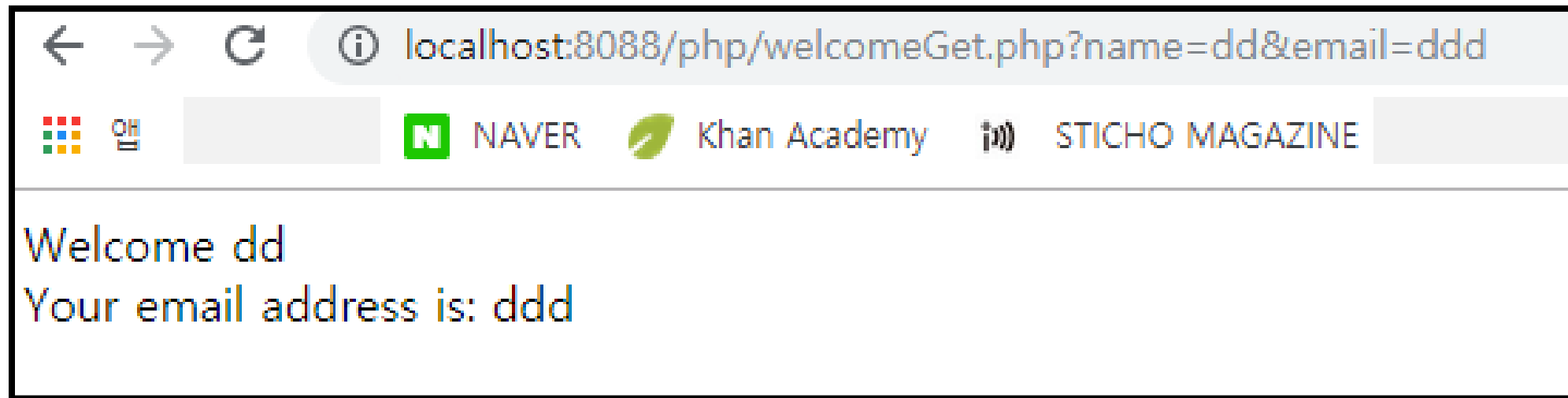
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Welcome Eugene

Your email address is: eugene@handong.edu

Provide the input in URL for action program with get method.

<http://localhost:8088/php/welcomeGet.php?name=dd&email=ddd>



# Form handling with post method

[https://www.w3schools.com/php/php\\_forms.asp](https://www.w3schools.com/php/php_forms.asp)

```
<html>
```

```
<body>
```

```
<form action="welcome.php" method="post">
```

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

```
E-mail: <input type="text" name="email"> <br>
```

```
<input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

# POST method







[https://www.w3schools.com/php/php\\_forms.asp](https://www.w3schools.com/php/php_forms.asp)

```
<html>  
<body>
```

```
Welcome <?php echo $_POST["name"]; ?> <br>  
Your email address is: <?php echo $_POST["email"]; ?>
```

```
</body>  
</html>
```







← → ↻ ⓘ localhost:8088/php/form1.html

    NAVER  Khan Academy 

Name:

E-mail:

← → ↻ ⓘ localhost:8088/php/welcome.php

    NAVER  Khan Academy  STICHO MAO

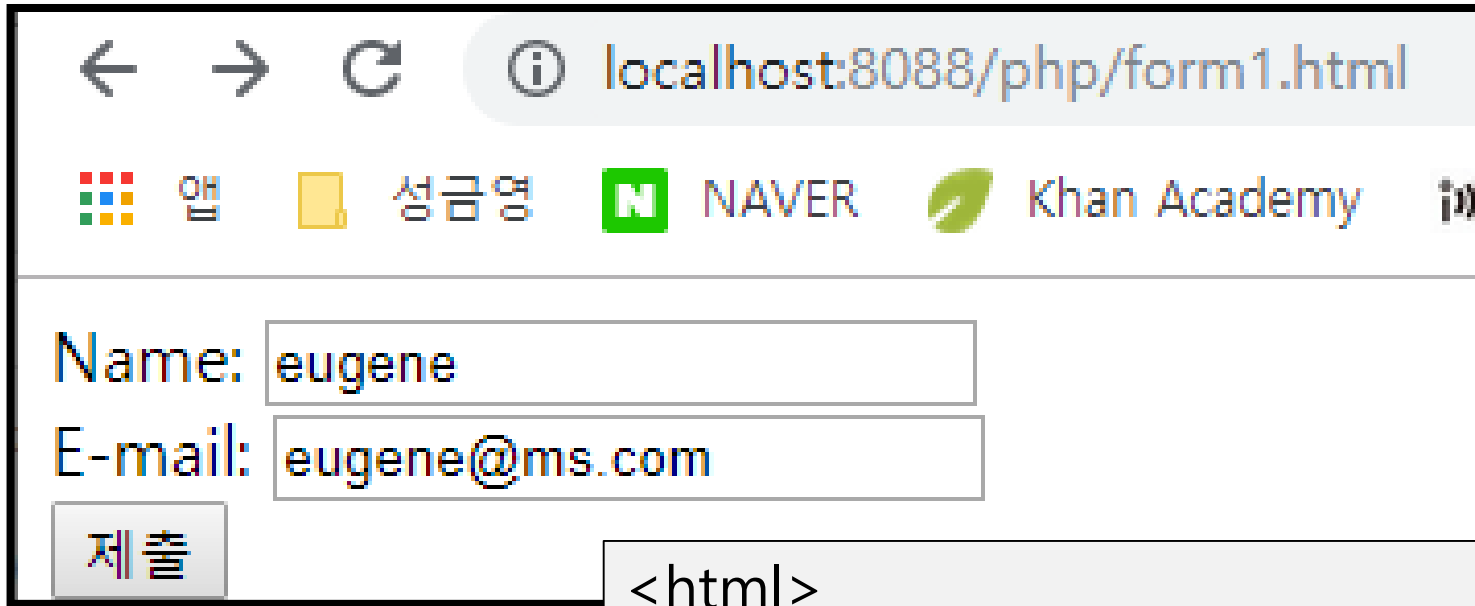
Welcome xc

Your email address is: xcvx



# Connection between Php and MySQL

Make the DB and table before running the program.



← → ↻ ⓘ localhost:8088/php/form1.html

앱 성금영 N NAVER Khan Academy

Name:

E-mail:

제출

```
<html>
<body>
<form action="welcomeExSQL.php" method="post">
Name: <input type="text" name="name"> <br>
E-mail: <input type="text" name="email"> <br>
<input type="submit">
</form>
</body>
</html>
```

phpMyAdmin

최근 즐겨찾기

- 새로운
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test
- testdb
  - New
  - cityareasizetable
  - exercise\_sql
  - namecitytable

서버: 127.0.0.1 \* 데이터베이스: testdb \* 테이블: exercise\_sql

보기 구조 SQL 검색 삽입 내보내기

테이블 구조 릴레이션 뷰

#	이름	종류	데이터정렬방식	보기	Null	기본값	설명	추가
<input type="checkbox"/>	1 name	varchar(20)	utf8mb4_general_ci		아니오	없음		
<input type="checkbox"/>	2 email	varchar(30)	utf8mb4_general_ci		아니오	없음		

모두 체크 선택한 것을: 보기 변경 삭제

인쇄 제안하는 테이블 구조 테이블 추적 컬럼 이동

1 컬럼 추가 email 다음에 실행

인덱스

← → ↻ ⓘ localhost/php/form1.html

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Name: joseph

E-mail: urban

Submit

+ 옵션

name	email
Eugene	eugene@google.com
Gildong	gildong@google.com
Myungsoo	Ms@google
joseph	urban

← → ↻ ⓘ localhost/php/welcomeExSQL.php

Apps W3C SCHOOL W3C\_PHP N NAVER

Welcome joseph

Your email address is: urban database insertion

A record for name and email has been inserted.

Make sure the data insertion worked properly in MySQL.

```
<html>
<body>
Welcome <?php echo $_POST["name"]; ?> <br>
Your email address is: <?php echo $_POST["email"]; ?>
<?php
echo "database insertion <br> ";
$mysqli = mysqli_connect("localhost", "root", "", "testdb");
if (mysqli_connect_errno()) {
    printf("Connect failed: %s\n", mysqli_connect_error());
    exit();
} else {
    $sql = "INSERT INTO exercise sql (name, email) VALUES
        ('".$_POST["name"]."', '".$_POST["email"]."')";
    $res = mysqli_query($mysqli, $sql);
    if ($res === TRUE) {
        echo "A record for name and email has been inserted.";
    } else {
        printf("Could not insert record: %s\n", mysqli_error($mysqli));
    }
    mysqli_close($mysqli);
}
?>
</body>
</html>
```

<?php

\$servername = "localhost";

\$username = "username";

\$password = "password";

\$dbname = "myDB";

// Create connection

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

// Check connection

if (\$conn->connect\_error) {

die("Connection failed: " . \$conn->connect\_error);

}

\$sql = "INSERT INTO MyGuests (firstname, lastname, email)

VALUES ('John', 'Doe', 'john@example.com')";

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

echo "New record created successfully";

} else {

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

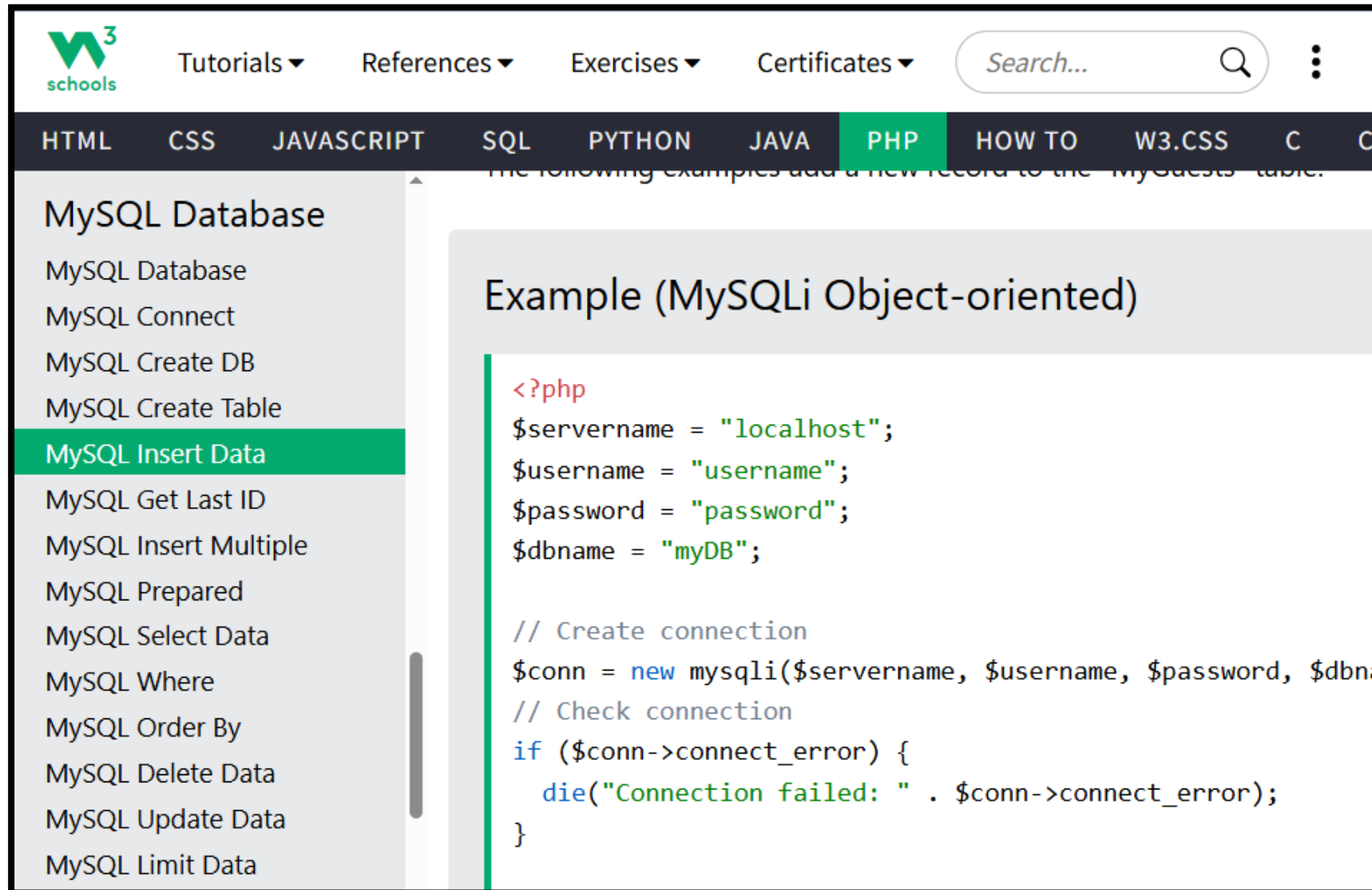
}

\$conn->close();

?>

[https://www.w3schools.com/php/php\\_mysql\\_insert.asp](https://www.w3schools.com/php/php_mysql_insert.asp)

Be sure to study "MySQL Database"  
of [https://www.w3schools.com/php/php\\_mysql\\_insert.asp](https://www.w3schools.com/php/php_mysql_insert.asp)  
Use your Apache and MySQL of XAMPP.



The screenshot shows the W3Schools website interface. At the top, there is a navigation bar with the W3Schools logo and links for Tutorials, References, Exercises, and Certificates. A search bar is also present. Below this is a dark blue menu bar with various technology categories: HTML, CSS, JAVASCRIPT, SQL, PYTHON, JAVA, PHP (highlighted in green), HOW TO, W3.CSS, C, and C#. A sidebar on the left lists MySQL Database topics, with 'MySQL Insert Data' highlighted in green. The main content area is titled 'Example (MySQLi Object-oriented)' and displays a PHP code snippet for connecting to a MySQL database using the MySQLi extension.

W3schools

Tutorials ▼ References ▼ Exercises ▼ Certificates ▼ Search...

HTML CSS JAVASCRIPT SQL PYTHON JAVA **PHP** HOW TO W3.CSS C C#

MySQL Database

- MySQL Database
- MySQL Connect
- MySQL Create DB
- MySQL Create Table
- MySQL Insert Data**
- MySQL Get Last ID
- MySQL Insert Multiple
- MySQL Prepared
- MySQL Select Data
- MySQL Where
- MySQL Order By
- MySQL Delete Data
- MySQL Update Data
- MySQL Limit Data

### Example (MySQLi Object-oriented)

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
```

# Try using selection statement.

[https://www.w3schools.com/php/php\\_mysql\\_select.asp](https://www.w3schools.com/php/php_mysql_select.asp)

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
$sql = "SELECT id, firstname, lastname FROM MyGuests";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "<br> id: ". $row["id"]. " - Name: ". $row["firstname"]. " " .
$row["lastname"] . "<br>";
    }
} else {
    echo "0 results";
}
$conn->close();
?>
```