

# 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>
```



- 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>
```

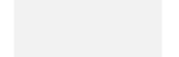
```
Welcome <?php echo $_GET["name"]; ?><br>
Your email address is: <?php echo $_GET["email"]; ?>
```

```
</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



NAVER



Khan Academy



STICHO MAGAZINE

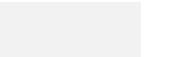
Name: Eugene

E-mail: eugene@handong.edu

제출



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



NAVER



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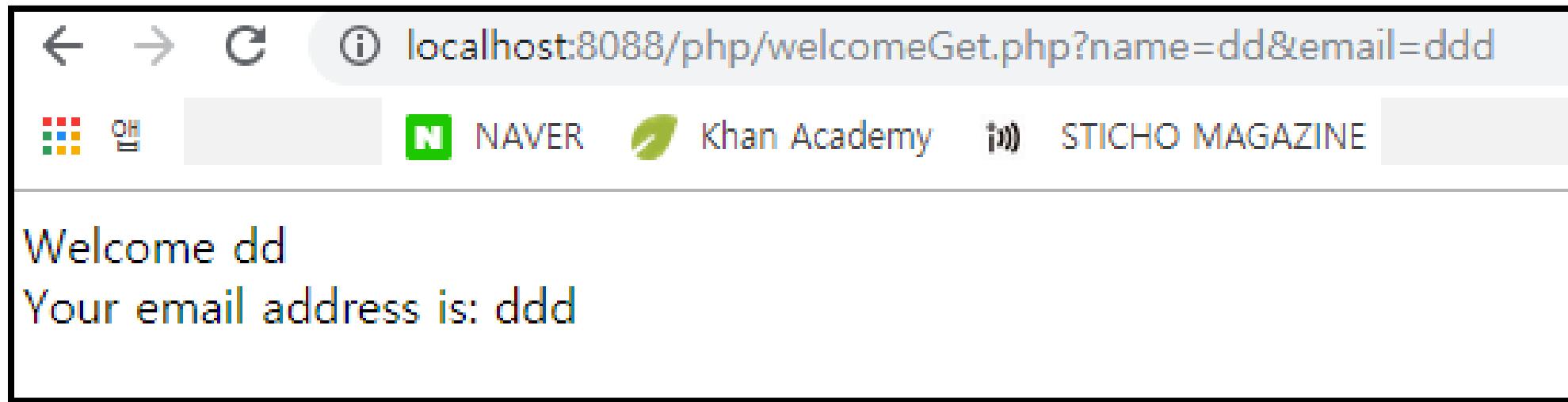
Download

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>
```

A screenshot of a web browser window. The address bar shows the URL `localhost:8088/php/form1.html`. The page content displays a form with two input fields. The first field is labeled "Name:" and contains the value "xc". The second field is labeled "E-mail:" and contains the value "xcvx". Below the form is a button with the Korean text "제출" (Submit).

Name: xc

E-mail: xcvx

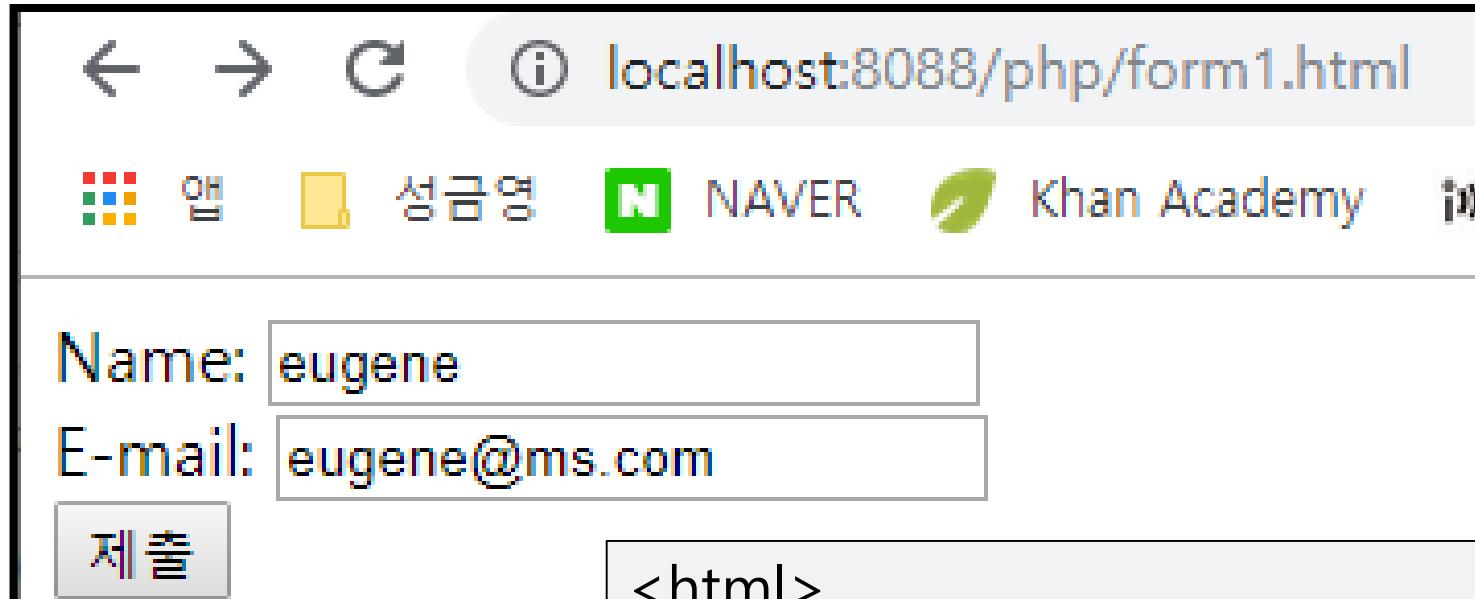
제출

A screenshot of a web browser window. The address bar shows the URL `localhost:8088/php/welcome.php`. The page content displays a welcome message: "Welcome xc" followed by "Your email address is: xcvx".

Welcome xc

Your email address is: xcvx

# Connection between Php and MySQL



Make the DB and table before running the program.

```
<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**

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
1	<b>name</b>	varchar(20)	utf8mb4_general_ci	아니오	없음			
2	<b>email</b>	varchar(30)	utf8mb4_general_ci	아니오	없음			

모두 체크 선택한 것을: 보기 변경 삭제

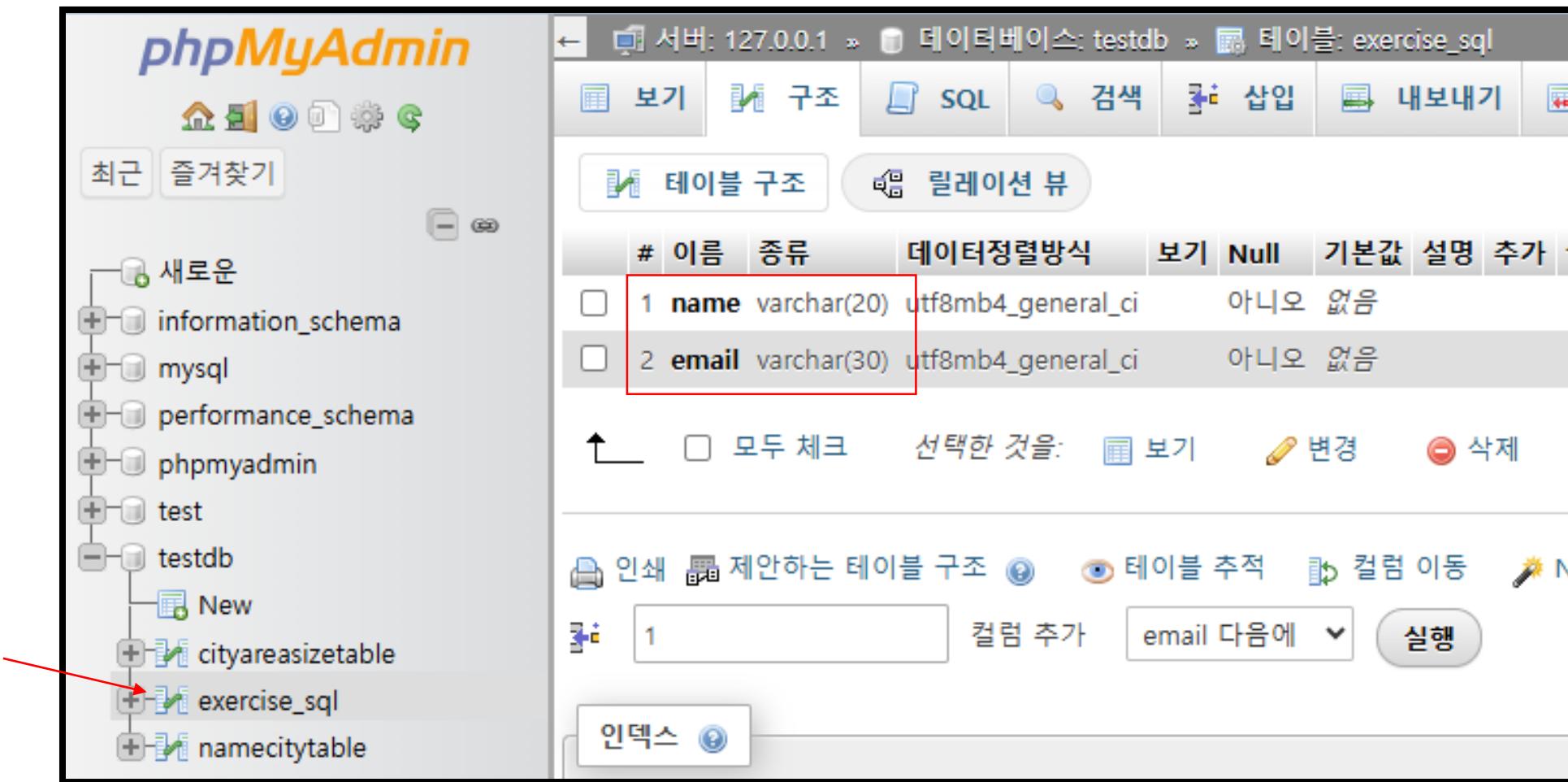
인쇄 제안하는 테이블 구조 테이블 추적 컬럼 이동 N

컬럼 추가 email 다음에 실행

인덱스

최근 즐겨찾기

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



← → ⌂ i localhost/php/form1.html

Apps W3C SCHOOL W3C\_PHP N

Name:  E-mail:

Submit

+ 옵션

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

← → ⌂ i 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.

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

```
<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 with a focus on the MySQL Insert Data example. The page has a navigation bar at the top with links for Tutorials, References, Exercises, Certificates, a search bar, and a menu icon. Below the navigation bar, there is a horizontal menu with links for HTML, CSS, JAVASCRIPT, SQL, PYTHON, JAVA, PHP (which is highlighted in green), HOW TO, W3.CSS, C, and C++. A sidebar on the left lists various MySQL topics, with 'MySQL Insert Data' being the active link, also highlighted in green. The main content area contains the title 'Example (MySQLi Object-oriented)' and a code snippet in PHP syntax:

```
<?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();
?>
```