

MYSQL INSERT WITH PHP IN ANGULARJS

- The Insert statement is used to insert the data to the MySQL database.
- In AngularJS we should post the form data in [JSON](#) format to insert into the PHP file.
- The PHP server side code used to get the posted data from AngularJS and decode the [JSON](#) format.
- The MySQL connection and query execution also done in PHP code.

Syntax for MySQL Insert Statement with PHP and MySQL:

```
$conn = mysql_connect('myServer',' myUser ', ' myPassword ');  
  
mysql_select_db(' myDb ', $conn);  
  
$result=mysql_query("insert into tbl_name (col1, col2, col3) values ( val1,  
val2 , val3)");
```

Syntax for MySQL Insert Statement with PHP and MySQLi:

```
$conn = mysqli_connect('myServer','myUser','myPassword','myDb');  
  
$result=mysqli_query($conn,"insert into tbl_name (col1, col2, col3)  
values ( val1, val2 , val3)");
```

Syntax for MySQL Insert Statement with PHP and PDO:

```
$conn = new PDO ("mysql:host=myServer;dbname=myDb", "myUser",  
"myPassword");  
$result=$conn->query("insert into tbl_name (col1, col2, col3) values (  
val1, val2 , val3)");
```

Sample code for MySQL Insert with PHP in AngularJS:

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title>Wikitechy AngularJS Tutorials</title>  
    <script  
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js" >  
</script>  
  </head>  
  <body ng-app="insertApp" ng-controller=" insertCtrl" >  
    <h1>MYSQL Insert with PHP in AngularJS</h1>  
    <form name="userForm" ng-submit=" submitForm()" >  
      <p> Enter Name : <input type="text" required ng-  
model="user.name" > </p>  
      <p> Enter Mobile : <input type="text" required ng-  
model="user.mobile" > </p>  
      <p>Enter Email : <input type="email" required ng-  
model="user.email" > </p>  
      <button type="submit" >Insert</button> <br>  
    </form>  
    <table border="1" >  
      <tr>  
        <th>ID</th>  
        <th>Name</th>
```

```
        <th>Mobile</th>
        <th>Email</th>
    </tr>
    <tr ng-repeat="x in content" >
        <td>{{x.id}}</td>
        <td>{{x.name}}</td>
        <td>{{x.mobile}}</td>
        <td>{{x. email}}</td>
    </tr>
</table>
<h3>Please Use Ctrl+F5 for Refresh.</h3>
</body>
<script>
var app = angular.module("insertApp", []);
app.controller("insertCtrl", function($scope, $http) {
    $http.get("select.php")
    .then(function(response) {
        $scope.content = response.data.details;
    });
    $scope.user = {};
    $scope.submitForm = function() {
        $http({ method : 'POST',
            url : 'insert.php',
            data : $scope.user,
            headers : {'Content-Type': 'application/x-www-form-
urlencoded'}
        }) .success(function(data) {
            $scope.content = data;
        });
    };
});
</script>
</html>
```

POST Data to PHP File in JSON format:

- Set of data has been posted through AngularJS to PHP and retrieve the result from PHP file.

```
$scope.submitForm = function() {  
    $http({ method : 'POST',  
            url   : 'insert.php',  
            data  : $scope.user,  
            headers : {'Content-Type': 'application/x-www-form-  
urlencoded'}}  
    ).success(function(data) {  
        $scope.content = data;  
    });  
};
```

Code Explanation for MySQL Insert with PHP in AngularJS:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy AngularJS Tutorials</title>
    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.6/angular.min.js"></script>
  </head>
  <body ng-app="insertApp" ng-controller="insertCtrl">
    <h1>MYSQL Insert with PHP in AngularJS</h1> 1

    <form name="userForm" ng-submit="submitForm()">
      2 → <p>Enter Name : <input type="text" required ng-model="user.name"> </p>
      3 → <p>Enter Mobile : <input type="text" required ng-model="user.mobile"></p>
      4 → <p>Enter Email : <input type="email" required ng-model="user.email"></p>
      <button type="submit">Insert</button><br>
    </form>

    <table border="1">
      <tr>
        <th>Id</th>
        <th>Name</th>
        <th>Mobile</th>
        <th>Email</th>
      </tr>
      <tr ng-repeat="x in content">
        <td>{{x.id}}</td>
        <td>{{x.name}}</td>
        <td>{{x.mobile}}</td>
        <td>{{x.email}}</td>
      </tr>
    </table>
    <h3>Please Use Ctrl+F5 for Refresh.</h3>
  </body>
  <script>
    var App = angular.module('insertApp', []);
    App.controller('insertCtrl', function($scope, $http) { 6
      7 → $http.get("select.php").then(function(response) {
        $scope.content = response.data.details; 8
      });
      $scope.user = {};
      9 → $scope.submitForm = function() {
        $http({ method : 'POST',
          url : 'insert.php',
          data : $scope.user,
          headers : {'Content-Type': 'application/x-www-form-urlencoded'}
        }).success(function(data) {
          10 → $scope.content = data;
        });
      };
    });
  </script>
</html>
```

1. The **submitForm()** function is used to call the function on form submit.
2. The textbox is used to get the name from the user.
3. The textbox is used to get the Mobile Number from the user.
4. The textbox is used to get the email from the user.
5. To bind the **content** to `<td>` by [ng-repeat](#) directive.
6. The **"insertCtrl"** used to create the [controller](#) for the Application with arguments **\$scope** object and [\\$http](#) service.
7. The [\\$http](#) is a service and it is used to call the get method, this http get request will get the content from the **"select.php"** as **response**.
8. The **response.data.details** is used to get the response data.
9. The **submitForm** function is used to **POST** the submitted data **\$scope.user** to the **"insert.php"**.
10. The **\$scope.content=data** is used to get the updated results as response data.

Sample code for insert.php:

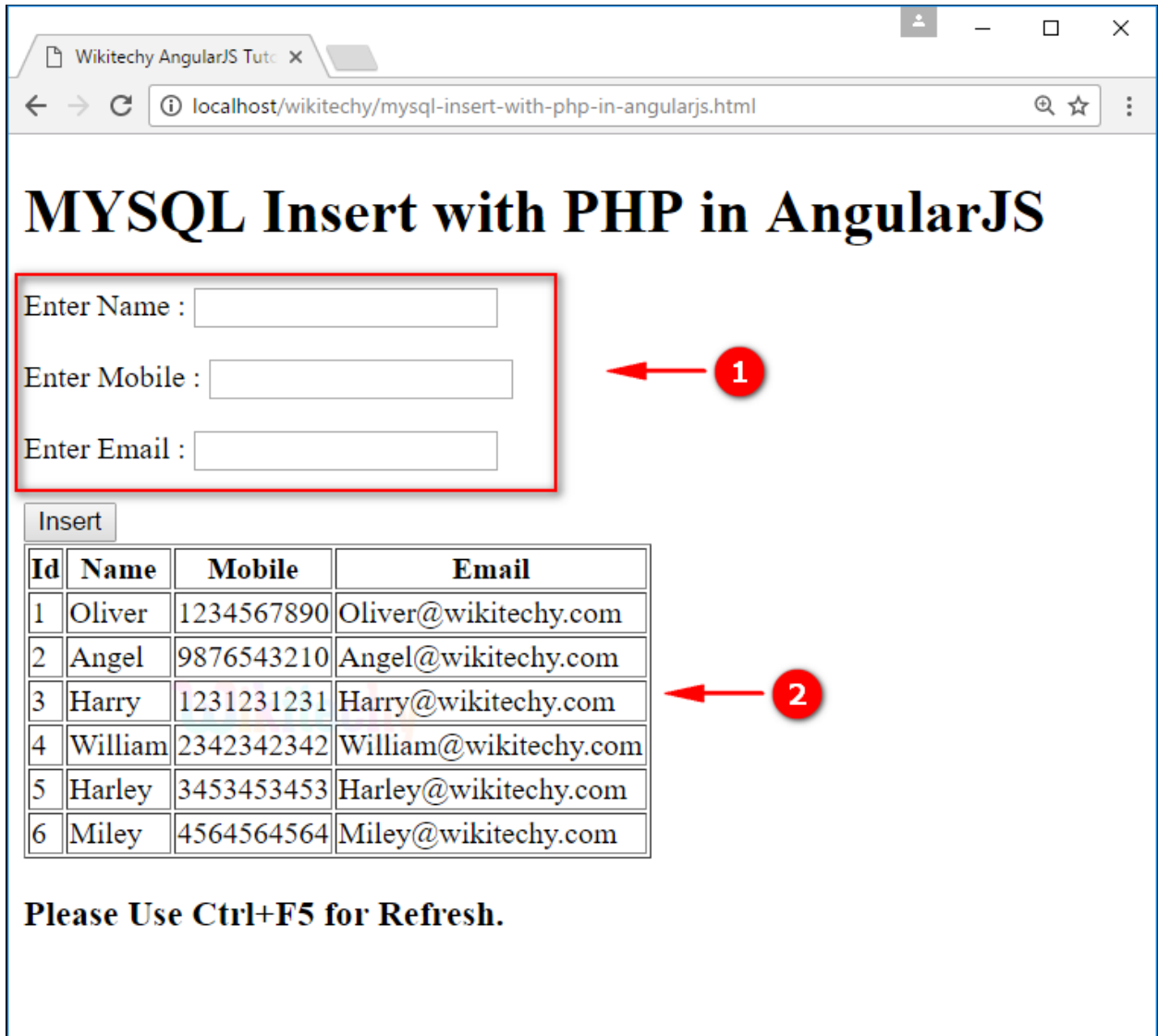
```
<?php
error_reporting(0);
$conn = new PDO("mysql:host=myServer;dbname=myDb", "myUser",
"myPassword");
$_POST = json_decode(file_get_contents('php://input'), true);
if(!empty($_POST['name'])&&!empty($_POST['mobile']))
{
    $ins_query=$conn->prepare("insert into tbl_name (name, mobile, email)
values ( :name,:mobile, :email)");
    $ins_query->bindParam(':name', $_POST['name']);
    $ins_query->bindParam(':mobile', $_POST['mobile']);
    $ins_query->bindParam(':email', $_POST['email']);
    $chk_ins=$ins_query->execute();
}
$result = $conn->prepare("select * from tbl_name order by id ");
$sel_query->execute();
echo json_encode($sel_query->fetchAll());
?>
```

Code Explanation for insert.php:

```
<?php
error_reporting(0);
$conn = new PDO("mysql:host=myServer;dbname=myDb", "myUser", "myPassword");
$_POST = json_decode(file_get_contents('php://input'), true);
if(!empty($_POST['name'])&& !empty($_POST['mobile']))
{
    $ins_query=$conn->prepare("insert into tbl_name (name, mobile, email)
    values ( :name,:mobile , :email)");
    $ins_query->bindParam(':name', $_POST['name']);
    $ins_query->bindParam(':mobile', $_POST['mobile']);
    $ins_query->bindParam(':email', $_POST['email']);
    $chk_ins=$ins_query->execute();
}
$sel_query=$conn->prepare("select * from tbl_name order by id");
$sel_query->execute();
echo json_encode($sel_query->fetchAll());
?>
```

1. The **\$conn** connection string used to connect the MySQL database by PHP.
2. The **json_decode** function is used to decode the [JSON](#) formatted **POST** data.
3. To check the posted data is empty or not.
4. To prepare the insert query for insert into the Mysql Database table.
5. To bind the set of submitted data to the insert query and execute the insert query.
6. To select the updated data in the table.
7. To fetch all data from the result set and encode the data in JSON format.

Sample Output for MySQL Insert with PHP in AngularJS:



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localhost/wikitechy/mysql-insert-with-php-in-angularjs.html

MYSQL Insert with PHP in AngularJS

Enter Name :

Enter Mobile :

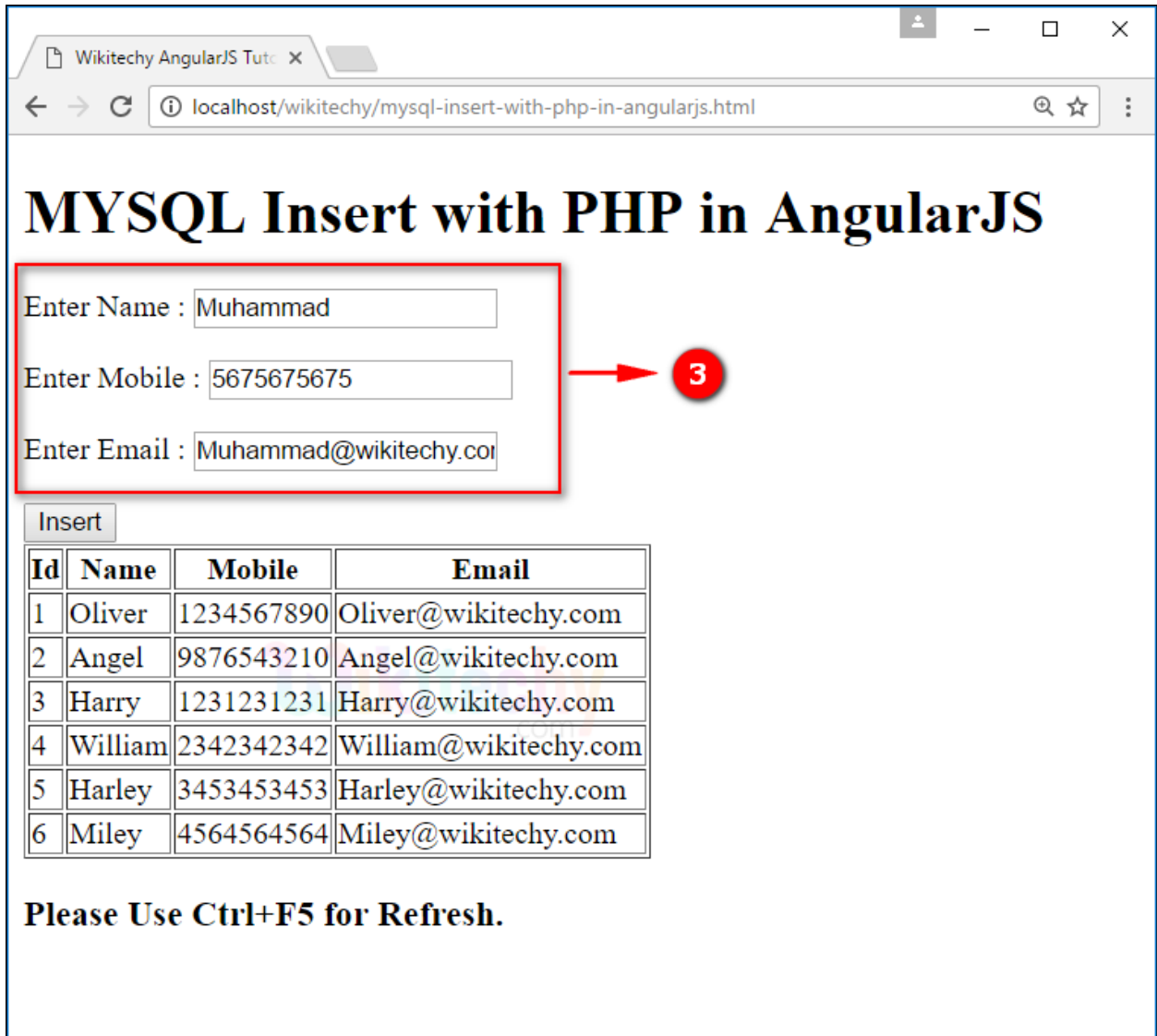
Enter Email :

Insert

Id	Name	Mobile	Email
1	Oliver	1234567890	Oliver@wikitechy.com
2	Angel	9876543210	Angel@wikitechy.com
3	Harry	1231231231	Harry@wikitechy.com
4	William	2342342342	William@wikitechy.com
5	Harley	3453453453	Harley@wikitechy.com
6	Miley	4564564564	Miley@wikitechy.com

Please Use Ctrl+F5 for Refresh.

1. The output shows the form to get input from user.
2. The table data retrieved from MySQL database.



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MYSQL Insert with PHP in AngularJS

Enter Name :

Enter Mobile :

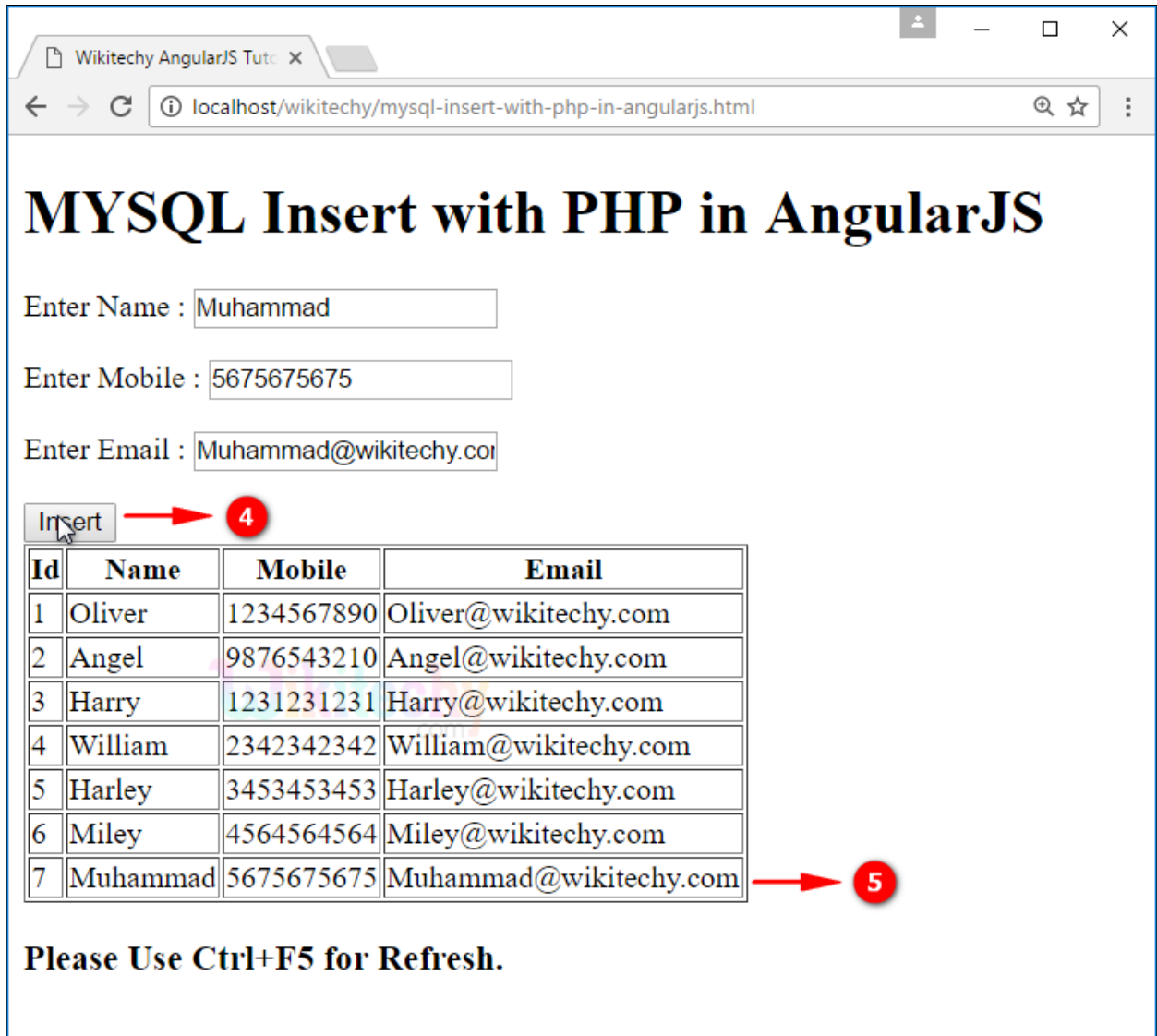
Enter Email :

Insert

Id	Name	Mobile	Email
1	Oliver	1234567890	Oliver@wikitechy.com
2	Angel	9876543210	Angel@wikitechy.com
3	Harry	1231231231	Harry@wikitechy.com
4	William	2342342342	William@wikitechy.com
5	Harley	3453453453	Harley@wikitechy.com
6	Miley	4564564564	Miley@wikitechy.com

Please Use Ctrl+F5 for Refresh.

3. The details are filled in the form.



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localhost/wicketechy/mysql-insert-with-php-in-angularjs.html

MYSQL Insert with PHP in AngularJS

Enter Name :

Enter Mobile :

Enter Email :

Id	Name	Mobile	Email
1	Oliver	1234567890	Oliver@wicketechy.com
2	Angel	9876543210	Angel@wicketechy.com
3	Harry	1231231231	Harry@wicketechy.com
4	William	2342342342	William@wicketechy.com
5	Harley	3453453453	Harley@wicketechy.com
6	Miley	4564564564	Miley@wicketechy.com
7	Muhammad	5675675675	Muhammad@wicketechy.com

Please Use Ctrl+F5 for Refresh.

4. User fill-up the form after that click the Insert button.
5. When user click the Insert button the data will be inserted to the MySQL database and retrieved from the MySQL table.