LAB – 11

18MIS7250

Amit Kumar Sahu

Angular JS

Product.php

```
<?php
$connection = mysqli_connect('localhost', 'root', '');
if (!$connection){
   die("Database Connection Failed" . mysqli_error($connection));
}
$select_db = mysqli_select_db($connection, 'university');
if (!$select_db){
   die("Database Selection Failed" . mysqli_error($connection));
}
$query = "SELECT * FROM product";


$result = mysqli_query($connection, $query) or die(mysqli_error($connection));




$outp = "";


while($rs = mysqli_fetch_assoc($result)) {
  if ($outp != "") {$outp .= ",";}
  $outp .= '{"id":"'  . $rs["id"] . '",';
```

```
  $outp .= '"name":"'. $rs["name"]. '",';

  $outp .= '"cost":"'  . $rs["cost"] . '",';

  $outp .= '"category":"'. $rs["category"]. '"}';


}

$outp ='{"records":['.$outp.']}';

mysqli_close($connection);


echo($outp);


?>
```

Table.html

```
<!DOCTYPE html>

<html>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js">

</script>

<style type="text/css">

</style>

<body>


<div ng-app="myApp" ng-controller="empCtrl">


<table align="center" border="1px">

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

```
        <th>NAME</th>
        <th>COST</th>
        <th>CATEGORY</th>
  <tr ng-repeat="x in names">
    <td>{{ x.id }}</td>
    <td>{{ x.name }}</td>
    <td>{{ x.cost }}</td>
    <td>{{ x.category }}</td>
  </tr>
</table>

</div>
<script>
var app = angular.module('myApp', []);
app.controller('empCtrl', function($scope, $http) {
    $http.get("product.php")
    .then(function (response) {$scope.names = response.data.records;});
});
</script>

</body>
</html>
```

Insert.php

```
<?php
```

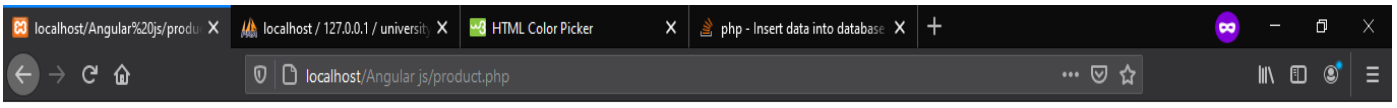
```
define('DB_HOST', 'localhost');

define('DB_NAME', 'university');

define('DB_USER','root');

define('DB_PASSWORD','');


$con=mysqli_connect(DB_HOST,DB_USER,DB_PASSWORD) or die("Failed to connect to MySQL:
" . mysql_error());

$db=mysqli_select_db($con,DB_NAME) or die("Failed to connect to MySQL: " . mysql_error());


$data = json_decode(file_get_contents("php://input"));

$id = $data->id;

$name = $data->name;



// $id= mysqli_real_escape_string($con,$data['id']);

// $name = mysqli_real_escape_string($con,$data['name']);

// $cost= mysqli_real_escape_string($con,$data['cost']);

// $category= mysqli_real_escape_string($con,$data['category']);

$sql = "insert into product(id,name) values('$id','$name')";

$result = mysqli_query($con,$$sql);


echo $name." ".$cost;

?>
```

Insert.html

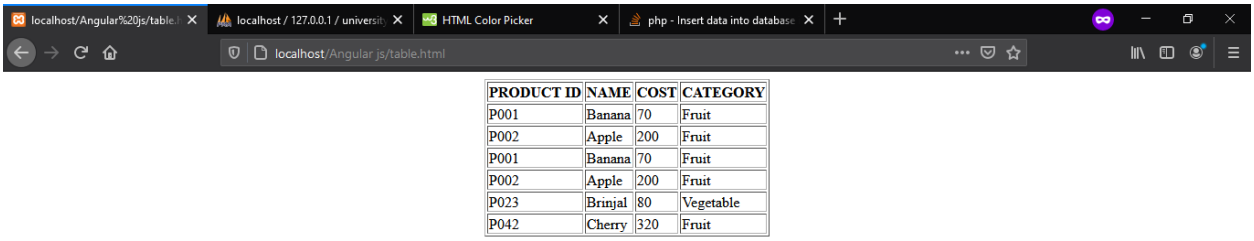
```
<!DOCTYPE html>
<html>
<script  src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"> </script>
<body>
   <div ng-app="myApp" ng-controller="myCtrl">
      <form>
         ID:-<input type="text" ng-model="id" />
         Name:-<input type="text" ng-model="name" />
         Cost:-<input type="text" ng-model="cost" />
         Category:-<input type="text" ng-model="category" />
         <input type="button" value="Submit" ng-click="insertData()" />
      </form>
   </div>
   <script>
   var app = angular.module('myApp',[]);
   app.controller('myCtrl',function($scope,$http){
      $scope.insertData=function(){
         $http.post("insert.php", {
            'id':$scope.id,
            'name':$scope.name,
            'cost':$scope.cost,
            'category':$scope.category
         }).then(function(response){
```

```
            console.log("Data Inserted Successfully");
        },function(error){
            alert("Sorry! Data Couldn't be inserted!");
            console.error(error);

        });
    }
  });
</script>

</body>
</html>
```

OUTPUT:

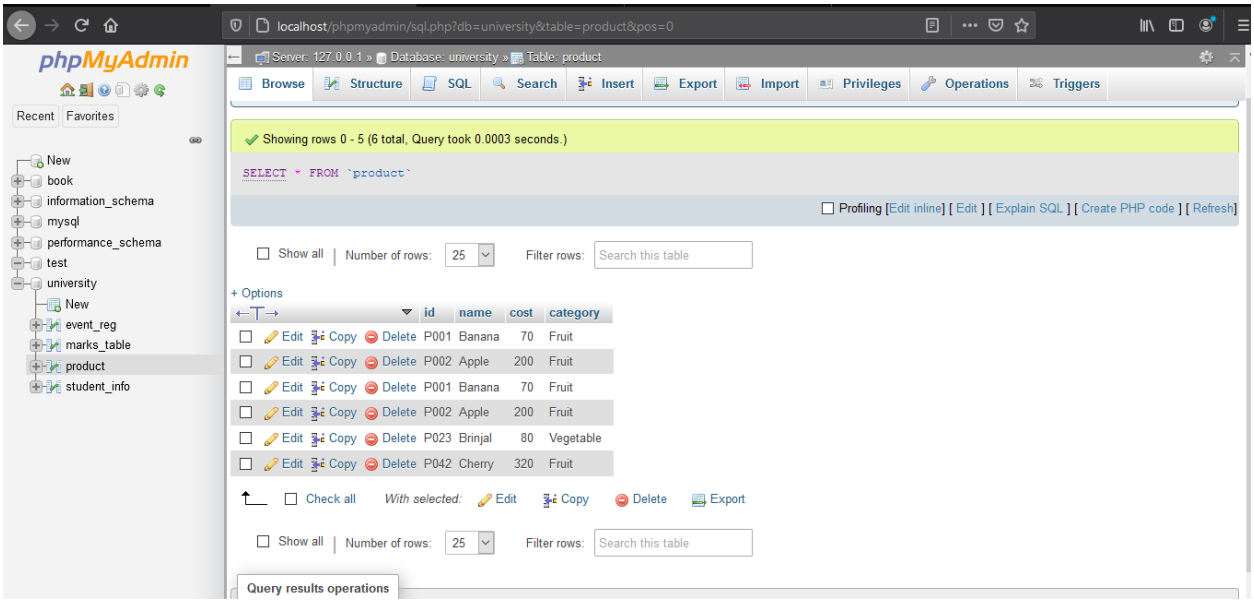


{"records":[{"id":"P001","name":"Banana","cost":"70","category":"Fruit"},{"id":"P002","name":"Apple","cost":"200","category":"Fruit"},{"id":"P001","name":"Banana","cost":"70","category":"Fruit"},
{"id":"P002","name":"Apple","cost":"200","category":"Fruit"},{"id":"P023","name":"Brinjal","cost":"80","category":"Vegetable"},{"id":"P042","name":"Cherry","cost":"320","category":"Fruit"}]}

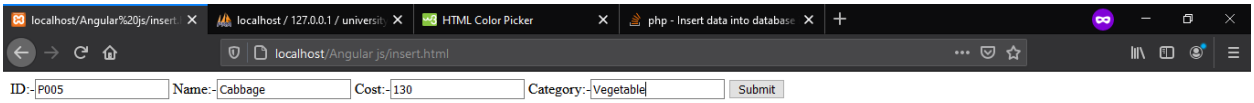


PRODUCT ID	NAME	COST	CATEGORY
P001	Banana	70	Fruit
P002	Apple	200	Fruit
P001	Banana	70	Fruit
P002	Apple	200	Fruit
P023	Brinjal	80	Vegetable
P042	Cherry	320	Fruit

Db



Input



After insertion