

## **Practical-06**

**Title:** -Create an application for Student Records using Angular JS.

### **Programs:**

#### **Student.html**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <script
```

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

```
  <script src="angularCrud.js"></script>
```

```
  
```

```
  
```

```
  <title>Student Management Portal</title>
```

```
</head>
```

```
<body>
```

```
<div ng-app="myapp" ng-controller="myctrl">
```

```
  <label>Name</label>
```

```
  <input type="text" name="name" ng-model="newStudent.name">
```

```
  <label>Address</label>
```

```
  <input type="text" name="address" ng-model="newStudent.address">
```

```
<label>Dept.</label>

<input type="text" name="dept" ng-model="newStudent.dept">

<input type="hidden" ng-model="newStudent.id">

<input type="button" value="Save" ng-click="saveRecord()" class="btn btn-primary">

<br><br>
<table border="1">

  <tr style="color:blue">

    <th style="width:150px">Name</th>

    <th style="width:150px">Address</th>

    <th style="width:150px">Dept</th>

    <th>Action</th>

  </tr>

  <tr style="color:red" ng-repeat="student in students">

    <td>{{ student.name }}</td>

    <td>{{ student.address }}</td>

    <td>{{ student.dept }}</td>

    <td>

      <a href="#" ng-click="edit(student.id)">edit</a>

      <a href="#" ng-click="delete(student.id)">delete</a>

    </td>

  </tr>

</table>

</div>

</body>

</html>
```

**angularCrud.js**

```
var app=angular.module('myapp',[]);
app.controller('myctrl',function($scope){
$scope.students = [];
var empid = 1;
$scope.saveRecord = function () {
    if ($scope.newStudent.id == null) {
        $scope.newStudent.id = empid++;
        $scope.students.push($scope.newStudent);
    }
    else {
        for (i in $scope.students) {
            if ($scope.students[i].id == $scope.newStudent.id) {
                $scope.students[i] = $scope.newStudent;
            }
        }
    }
    $scope.newStudent = {};
}
$scope.delete = function (id) {
    for (i in $scope.students) {
        if ($scope.students[i].id == id) {
            $scope.students.splice(i, 1);
            $scope.newStudent = {};
        }
    }
}
```

```
$scope.edit = function (id) {  
    for (i in $scope.students) {  
        if ($scope.students[i].id == id) {  
            $scope.newStudent = angular.copy($scope.students[i]);  
        }  
    }  
}  
  
});
```

**Output:**

The screenshot shows a web browser window titled "Student Management Portal". The address bar shows the file path "E:/KK-AAD/Pr-6/student.html". Below the browser window, there is a form with three input fields labeled "Name", "Address", and "Dept.", followed by a "Save" button. Below the form, there is a table with four columns: "Name", "Address", "Dept", and "Action". The table is currently empty.

The screenshot shows the same web browser window. The form fields are now populated: "Name" is "Ritesh", "Address" is "Kandivali", and "Dept." is "CS". The "Save" button is still present. Below the form, the table now contains one row of data:

Name	Address	Dept	Action
Kalpesh	Virar	CS	<a href="#">edit</a> <a href="#">delete</a>

Student Management Portal x +

File | E:/KK-AAD/Pr-6/student.html

Gmail YouTube Maps

Name  Address  Dept.

Name	Address	Dept	Action
Kalpesh	Virar	CS	<a href="#">edit</a> <a href="#">delete</a>
Ritesh	Kandivali	CS	<a href="#">edit</a> <a href="#">delete</a>

Student Management Portal x +

File | E:/KK-AAD/Pr-6/student.html#

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Name  Address  Dept.

Name	Address	Dept	Action
Kalpesh	Virar	CS	<a href="#">edit</a> <a href="#">delete</a>
Ritesh	Kandivali	CS	<a href="#">edit</a> <a href="#">delete</a>

Student Management Portal x +

File | E:/KK-AAD/Pr-6/student.html#

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Name  Address  Dept.

Name	Address	Dept	Action
Kalpesh	Mumbai	CS	<a href="#">edit</a> <a href="#">delete</a>
Ritesh	Kandivali	CS	<a href="#">edit</a> <a href="#">delete</a>

Student Management Portal x +

File | E:/KK-AAD/Pr-6/student.html#

Gmail YouTube Maps

Name  Address  Dept.

Name	Address	Dept	Action
Kalpesh	Mumbai	CS	<a href="#">edit</a> <a href="#">delete</a>

**Conclusion:**