6. Develop an AngularJS program to create a simple to-do list application. Allow users to add, edit, and delete tasks. Note: The default values for tasks may be included in the program.

//Code

```html
<!DOCTYPE html>
<html>
<title>TO DO Application</title>
<head>
<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min
.js">
</script>

<script>
var app=angular.module("toDoApp",[]);
app.controller("toDoAppCntrl",function($scope){
$scope.tasks=[
{'TITLE':'Task-1','EDITING':false},
{'TITLE':'Task-2','EDITING':false},
{'TITLE':'Task-3','EDITING':false}
]

$scope.addTask=function(){
if($scope.newTask)
{
var t={
'TITLE':$scope.newTask,
'EDITING':false
}
$scope.tasks.push(t)
}
else{
alert("Please enter the task to add")
}
}

$scope.editTask=function(task)
{
task.EDITING=true
}

$scope.turnOffEditing=function(task){
```

```
        task.EDITING=false
    }

    $scope.deleteTask=function(task)
    {
        var index=$scope.tasks.indexOf(task)
    $scope.tasks.splice(index,1)
    }
});
</script>
</head>

<body ng-app="toDoApp">
<h1>TO DO APPLICATION</h1>
<div ng-controller="toDoAppCntrl">
Enter the name of the Task:
 <input type="text" ng-model="newTask">
<button ng-click="addTask()">Add Task</button>
<br/>
<br/>
<table border="1">
<tr>
<th>SLNO</th>
<th>Task</th>
<th>Edit</th>
<th>Delete</th>
</tr>
<tr ng-repeat="task in tasks">
<td>{{$index+1}}</td>
<td>
<span ng-show="!task.EDITING">{{task.TITLE}}</span>
<input type="text" ng-show="task.EDITING"
ng-model="task.TITLE" ng-blur="turnOffEditing(task)">
</td>
<td>
<button ng-click="editTask(task)">Edit</button>
</td>
<td>
<button ng-click="deleteTask(task)">Delete</button>
</td>
</tr>
</table>
</div>
</body>
</html>
```

7. Write an AngularJS program to create a simple CRUD application (Create, Read, Update, and Delete) for managing users.

//Code

```
<!DOCTYPE html>
<html>
<title>USER MANAGEMENT APPLICATION</title>
<head>
<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min
.js">
</script>

<script>
var app=angular.module("userMgmtApp",[]);
app.controller("userMgmtAppCntrl",function($scope){
$scope.users=[
{'name':"Mahesh Kumar",
'email':'maheshkumar@gmail.com','editing':false},
{'name':'ABC','email':'abc@gmail.com','editing':false},
{'name':'XYZ','email':'xyz@gmail.com','editing':false}
]

$scope.createUser=function()
{
if($scope.newUserName && $scope.newUserEmail)
{
var u={
'name':$scope.newUserName,
'email':$scope.newUserEmail,
'editing':false
}
$scope.users.push(u)
$scope.newUserName=''
$scope.newUserEmail=''
}
else{
alert("Please provide the user name and email id")
}
}

$scope.readUser=function(user)
{
user.editing=true
```

```
}

$scope.updateUser=function(user){
user.editing=false
}

$scope.deleteUser=function(user)
{
var yes=confirm("Are you sure you want to delete")
if(yes==true)
{
var index=$scope.users.indexOf(user)
$scope.users.splice(index,1)
}
}
});
</script>
</head>

<body ng-app="userMgmtApp">
<h1>USER MANAGEMENT APPLICATION</h1>
<div ng-controller="userMgmtAppCntrl">
Enter the User Name:<input type="text" ng-model="newUserName">
Enter the User Email:<input type="text" ng-model="newUserEmail">
<button ng-click="createUser()">Create</button>
<br/>
<br/>
<table border="1">
<tr>
<th>SLNO</th>
<th>NAME</th>
<th>EMAIL</th>
<th>READ</th>
<th>UPDATE</th>
<th>DELETE</th>
</tr>
<tr ng-repeat="user in users">
<td>{{$index+1}}</td>
<td>
<span
ng-show="!user.editing">{{user.name}}</span>
<input type="text" ng-show="user.editing" ng-model="user.name">
</td>
<td>
<span ng-show="!user.editing">{{user.email}}</span>
<input type="text" ng-show="user.editing" ng-model="user.email">
```

```
</td>
<td>
<button ng-click="readUser(user)">Read</button>
</td>
<td>
<button ng-click="updateUser(user)">Update</button>
</td>
<td>
<button ng-click="deleteUser(user)">Delete</button>
</td>
</tr>
</table>
</div>
</body>
</html>
```

8. Develop AngularJS program to create a login form, with validation for the username and password fields.

//Code

```
<!DOCTYPE html>
<html>
<title>Angular JS Login Form</title>
<head>
<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min
.js">
</script>
<script>
var app=angular.module("loginApp",[]);
app.controller('loginAppCntrl',function($scope){
$scope.userName=''
$scope.password=''
$scope.noAttempts=0
$scope.login=function(){
// console.log("Inside login function")
if($scope.userName=="harsha" && $scope.password=="123456")
{
alert("Login Successfull")
}
```

```
else{
$scope.noAttempts++
if($scope.noAttempts<=3)
{
alert("Incorrect user name/password! Attempt No. "+$scope.noAttempts)
}
else{
document.getElementById("loginButton").disabled=true
}
}
}
});
</script>
<style>
.error-message{
color:red;
font-size: 20px;
}
</style>
</head>

<body ng-app="loginApp" ng-controller="loginAppCntrl">
<h1>Angular JS Login Form</h1>
<form name="loginForm" ng-submit="submitForm()">
Enter the User Name:<input type="text" name="userName"
ng-model="userName" ng-minlength="5" ng-maxlength="8" required
placeholder="Enter
User Name">
<span class="error-message"
ng-show="loginForm.userName.$error.required &&
loginForm.userName.$dirty">User
Name is Required</span>
<span class="error-message"
ng-show="loginForm.userName.$error.minlength">Minimum Length Must be
5</span>
<span class="error-message"
ng-show="loginForm.userName.$error.maxlength">Maximum user name length
is limitted
to 8</span>
<br/>
<br/>
Enter the Password: <input type="password" name="password"
ng-model="password" ng-minlength="5" ng-maxlength="8" required
placeholder="Enter
your password">
```

```html
<span class="error-message" ng-
show="loginForm.password.$error.required
&& loginForm.password.$dirty">Password is required</span>
<span class="error-message"
ng-show="loginForm.password.$error.minlength">Minimum Password length
is 5</span>
<span class="error-message"
ng-show="loginForm.password.$error.maxlength">Maximum password length
is limitted
to 8</span>
<br/>
<br/>
<button type="submit" ng-disabled="loginForm.$invalid"
ng-click="login()" id="loginButton">Login</button>
</form>
</body>
</html>
```