Ex 4: Develop a simple Angular JS Form Validation application.

HTML Code:

```html
<html lang="en" ng-app="myApp">
<head>
<meta charset="UTF-8">
<title>AngularJS Form Validation</title>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
<style>
body {
font-family: Arial, sans-serif;
background-color: #f4f6f8;
padding: 20px;
}
form {
background: #fff;
padding: 20px;
border-radius: 8px;
width: 400px;
margin: auto;
box-shadow: 0 0 10px rgba(0,0,0,0.1);
}
input, textarea {
width: 100%;
padding: 8px;
margin-top: 5px;
border: 1px solid #ccc;
border-radius: 4px;
}
label {
margin-top: 10px;
display: block;
font-weight: bold;
}
.error {
color: red;
font-size: 13px;
}
button {
margin-top: 15px;
padding: 10px 20px;
background-color: #28a745;
border: none;
color: white;
border-radius: 5px;
cursor: pointer;
```

```
}

button[disabled] {
background-color: #aaa;
}
</style>
</head>
<body ng-controller="FormController">
<h2 style="text-align:center;">AngularJS Form Validation</h2>
<form name="userForm" novalidate ng-submit="submitForm()">
<label>Name:</label>
<input type="text" name="name" ng-model="user.name" required ng-minlength="3">
<div class="error" ng-show="userForm.name.$touched && userForm.name.$invalid">
<span ng-show="userForm.name.$error.required">Name is required.</span>
<span ng-show="userForm.name.$error.minlength">Name must be at least 3
characters.</span>
</div>
<label>Email:</label>
<input type="email" name="email" ng-model="user.email" required>
<div class="error" ng-show="userForm.email.$touched && userForm.email.$invalid">
<span ng-show="userForm.email.$error.required">Email is required.</span>
<span ng-show="userForm.email.$error.email">Invalid email format.</span>
</div>
<label>Password:</label>
<input type="password" name="password" ng-model="user.password" required ng-
minlength="6">
<div class="error" ng-show="userForm.password.$touched &&
userForm.password.$invalid">
<span ng-show="userForm.password.$error.required">Password is required.</span>
<span ng-show="userForm.password.$error.minlength">Minimum 6 characters
required.</span>
</div>
<label>Phone:</label>
<input type="text" name="phone" ng-model="user.phone" ng-pattern="/^\d{10}$/"
required>
<div class="error" ng-show="userForm.phone.$touched && userForm.phone.$invalid">
<span ng-show="userForm.phone.$error.required">Phone is required.</span>
<span ng-show="userForm.phone.$error.pattern">Enter a valid 10-digit number.</span>
</div>
<button type="submit" ng-disabled="userForm.$invalid">Submit</button>
<div ng-if="submitted" style="color: green; margin-top: 10px;">
Form submitted successfully!
</div>
</form>
<script>
angular.module('myApp', [])
.controller('FormController', ['$scope', function($scope) {
```

```
$scope.user = {};
$scope.submitted = false;
$scope.submitForm = function() {
if ($scope.userForm.$valid) {
$scope.submitted = true;
console.log('Form Data:', $scope.user);
}
};
}]);
</script>
</body>
</html>
```

OUTPUT-1:

AngularJS Form Validation

Name:

RAMARAO

Email:

ramarao_cse@gmail.com

Password:

••••••

Phone:

8790367852

Submit

Form submitted successfully!

OUTPUT-2:

AngularJS Form Validation

Name:

ramarao

Email:

ramarao_cse

Invalid email format.

Password:

•••

Minimum 6 characters required.

Phone:

87905644

Enter a valid 10-digit number.

Submit