SBA 3:

To complete the activity as explained across from each of the group.

Details are as below:

Test Angula webpage with Jasmine

Source Code :

Angular webpage : index.html

<html>

<head>

<title>Angular JS Forms</title>

<script src = "https://ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js"></script>

<style>

table, th , td {

border: 1px solid grey;

border-collapse: collapse;

padding: 5px;

}

table tr:nth-child(odd) {

background-color: #f2f2f2;

}

table tr:nth-child(even) {

background-color: #ffffff;

}

</style>

</head>

<body>

<h2>AngularJS Sample Application</h2>

<div ng-app = "mainApp" ng-controller = "studentController">

<form name = "studentForm" novalidate>

<table border = "0">

<tr>

<td>Surname: </td>

<td><label id="mr">

<input type="radio" ng-model="color.name" value="mr">

Mr.

</label ><br/>

<label id="mrs">

<input type="radio" ng-model="color.name" value="mrs">

Mrs.

</label ><br/>

<label id="ms">

<input type="radio" ng-model="color.name" value="ms">

Ms.

</label>

<label id="miss">

<input type="radio" ng-model="color.name" value="miss">

Miss.

</label>

</td>

</tr>

<tr>

<td id="1">Enter first name:</td>

<td><input name = "firstname" type = "text" ng-model = "firstName" required>

<span style = "color:red" ng-show = "studentForm.firstname.$dirty && studentForm.firstname.$invalid">

<span ng-show = "studentForm.firstname.$error.required">First Name is required.</span>

</span>

</td>

</tr>

<tr>

<td id="2">Enter last name: </td>

<td><input name = "lastname" type = "text" ng-model = "lastName" required>

<span style = "color:red" ng-show = "studentForm.lastname.$dirty && studentForm.lastname.$invalid">

<span ng-show = "studentForm.lastname.$error.required">Last Name is required.</span>

</span>

</td>

</tr>

<tr>

<td>Gender: </td>

<td><label id="male">Male:

<input type="checkbox" ng-model="checkboxModel.Male" name="gender1" id="gender1" value="male">

</label><br/>

<label id="fmale">Female:

<input type="checkbox" ng-model="checkboxModel.Female"

name="gender2" id="gender2" value="female"

ng-true-value="'YES'" ng-false-value="'NO'">

</label>

</td>

</tr>

<tr>

<td>Higher Education: </td>

<td><label id="3" for="singleSelect">

<select name="singleSelect" id="singleSelect"

ng-model="data.singleSelect">

<option value="">---Please select---</option>

<option value="{{data.option1}}">High School</option>

<option value="option-2">Higher Secondary</option>

<option value="option-3">Graduate</option>

<option value="option-4">Post Graduate</option>

</select><br>

</label>

</td>

</tr>

<tr>

<td id="4">Email: </td><td><input name = "email"

type = "email" ng-model = "email" length = "100" required>

<span style = "color:red" ng-show = "studentForm.email.$dirty

&& studentForm.email.$invalid">

<span ng-show = "studentForm.email.$error.required">

Email is required.</span>

<span ng-show = "studentForm.email.$error.email">

Invalid email address.</span>

</span>

</td>

</tr>

<tr>

<td>

<button ng-click = "reset()" type="reset" id="reset">Reset</button>

</td>

<td>

<button ng-disabled = "studentForm.firstname.$dirty &&

studentForm.firstname.$invalid || studentForm.lastname.$dirty &&

studentForm.lastname.$invalid || studentForm.email.$dirty &&

studentForm.email.$invalid" ng-click="submit()">Submit</button>

</td>

</tr>

</table>

</form>

</div>

<script>

var mainApp = angular.module("mainApp", []);

mainApp.controller('studentController', function($scope) {

$scope.reset = function() {

// $scope.firstName = "Mahesh";

$scope.lastName = "Parashar";

$scope.email = "MaheshParashar@tutorialspoint.com";

}

$scope.reset();

});

</script>

</body>

</html>

Jasmine : spec.js

const {Builder, By, Key, until} = require('selenium-webdriver');

// You can use a remote Selenium Hub, but we are not doing that here

require('chromedriver');

const driver = new Builder()

.forBrowser('chrome')

.build();

jasmine.DEFAULT\_TIMEOUT\_INTERVAL = 20 \* 1000;

describe('Selenium test case for login page', () => {

it('Should navigate to Demo Page', async function() {

await driver.get('http://localhost:4200/');

await driver.getCurrentUrl().then((url) => {

expect(url).toBe('http://localhost:4200/');

});

});

it('title check',async function(){

expected = "Angular JS Forms";

actual =await driver.getTitle();

console.log(actual);

expect(actual).toBe(expected);

});

it('Radio button Check', async function()

{

var rd=driver.findElement(By.id('mr'));

rd.click();

let data=await rd.getText();

console.log(data);

expect(data).toBe('Mr.');

});

it('Radio button Check', async function()

{

var rd3=driver.findElement(By.id('mrs'));

rd3.click();

let data=await rd3.getText();

console.log(data);

expect(data).toBe('Mrs.');

});

it('Text box check 1', async function()

{

var rd1=driver.findElement(By.id('1'));

let data=await rd1.getText();

console.log(data);

expect(data).toBe('Enter first name:');

});

it('Text box check 2', async function()

{

var rd2=driver.findElement(By.id('2'));

let data=await rd2.getText();

console.log(data);

expect(data).toBe('Enter last name:');

});

it('Instert first name ',async function(){

await driver.findElement(By.name('firstname')).sendKeys("neethu");

});

it('Clear the last name ',async function(){

await driver.findElement(By.name('lastname')).clear();

});

it('Instert last name ',async function(){

await driver.findElement(By.name('lastname')).sendKeys("satheesh");

});

it('Reset button ',async function(){

await driver.findElement(By.id('reset')).click();

});

it('Radio button Check', async function()

{

let data = await driver.findElement(By.id('gender1')).click();

console.log(data);

});

it('Selecting drop down',async function(){

var s1=driver.findElement(By.name("singleSelect"));

await s1.click();

});

});

Output :



