SBA 3:

Codes:

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](http://color.name/)" value="mr">                    Mr.              </label ><br/>              <label id="mrs">                  <input type="radio" ng-model="[color.name](http://color.name/)" value="mrs">                    Mrs.              </label ><br/>              <label id="ms">                  <input type="radio" ng-model="[color.name](http://color.name/)" value="ms">                    Ms.              </label>              <label id="miss">                <input type="radio" ng-model="[color.name](http://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](mailto:MaheshParashar@tutorialspoint.com)";  }  $scope.reset();  });  </script>    </body>  </html>   |  |  | | --- | --- | |  |  | |  |

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:

