**Pg 8 – Login Form**

<!DOCTYPE html>

<html>

<head>

    <title>Login Form with Validation</title>

    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js">

    <link rel="icon" href="PhotoRoom-20231020\_232757.png" ></link>

    </script>

</head>

<body ng-app="myApp"><center>

    <div ng-controller="LoginController">

        <form name="loginForm" novalidate>

            <h2>Login Form</h2>

            <label>Username:</label>

            <input type="text" ng-model="user.username" name="username" required>

            <span ng-show="loginForm.username.$error.required && loginForm.username.$dirty">Username is required.</span>

            <br>

            <label>Password:</label>

            <input type="password" ng-model="user.password" name="password" ng-pattern="/^(?=.\*[A-Za-z])(?=.\*\d)[A-Za-z\d]{8,}$/" required>

            <span ng-show="loginForm.password.$error.required && loginForm.password.$dirty">Password is required.</span>

            <span ng-show="loginForm.password.$error.pattern && loginForm.password.$dirty">

                Password must be alphanumeric and at least 8 characters long.

            </span>

            <br>

            <button ng-click="login()" ng-disabled="loginForm.$invalid">Login</button>

        </form>

        <div ng-show="isLoggedIn">

            <p>Login successful! Welcome, {{user.username}}!</p>

        </div>

    </div>

    <script>

        var app = angular.module('myApp', []);

        app.controller('LoginController', function ($scope) {

            $scope.user = { username: '', password: '' };

            $scope.isLoggedIn = false;

            $scope.login = function () {

                $scope.isLoggedIn = true;

            };

        });

    </script>

</body></center>

</html>

**Pg -9**

<!DOCTYPE html>

<html ng-app="employeeApp">

<head>

  <title>Employee List</title>

  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

  <link rel="icon" href="PhotoRoom-20231020\_232757.png">

</head>

<body ng-controller="EmployeeController">

  <h2>Employee List</h2>

  <label>Search by Name:</label>

  <input type="text" ng-model="searchName" />

  <label>Search by Salary:</label>

  <input type="number" ng-model="searchSalary" />

  <button ng-click="searchEmployees()">SearchName</button>

  <button ng-click="searchEmployees1()">SearchSalary</button>

  <ul>

    <li ng-repeat="employee in filteredEmployees">

      {{ employee.name }} - {{ employee.salary}}

    </li>

  </ul>

  <script>

    var app = angular.module('employeeApp', []);

    app.controller('EmployeeController', function ($scope) {

      $scope.employees = [

        { name: 'John Doe', salary: 50000 },

        { name: 'Jane Smith', salary: 60000 },

        { name: 'Bob Johnson', salary: 70000 },

        { name: 'Alice Williams', salary: 55000 },

        { name: 'John smith', salary: 80000 }

      ];

      $scope.filteredEmployees = $scope.employees;

      $scope.searchEmployees = function () {

        $scope.filteredEmployees = $scope.employees.filter(function (employee) {

          return (

            (employee.name.toLowerCase().includes($scope.searchName.toLowerCase()) || !$scope.searchName) &&

            (employee.salary == $scope.searchSalary || !$scope.searchSalary)

          );

        });

      };

      $scope.searchEmployees1 = function () {

        $scope.filteredEmployees = $scope.employees.filter(function (employee) {

          return (

            (employee.salary == $scope.searchSalary || !$scope.searchSalary)

          );

        });

      };

    });

  </script>

</body>

</html>

**Pg-11**

<!DOCTYPE html>

<html ng-app="myApp">

<head>

  <title>Student Details</title>

  <link rel="icon" href="PhotoRoom-20231020\_232757.png">

  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

</head>

<body>

<div ng-controller="StudentController as ctrl">

  <h2 style="text-align: center; margin-top: 40px;">Student Details</h2>

  <table border="1" >

    <tr>

      <th>Name</th>

      <th>CGPA</th>

    </tr>

    <tr ng-repeat="student in ctrl.students">

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

      <td>{{ student.cgpa | number:2 }}</td>

    </tr>

  </table>

</div>

<script>

  var app = angular.module('myApp', []);

  app.controller('StudentController', function () {

    this.students = [

      { name: "John Doe", cgpa: 3.8 },

      { name: "Jane Doe", cgpa: 3.6 },

      { name: "Peter Parker", cgpa: 3.9 },

      { name: "Mary Jane Watson", cgpa: 3.7 }

      // Add more default students if needed

    ];

  });

</script>

</body>

</html>

**Pg 12**

<!DOCTYPE html>

<html>

<head>

    <title>AngularJS Date Display</title>

    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

    <link rel="icon" href="PhotoRoom-20231020\_232757.png">

</head>

<body ng-app="myApp">

<div ng-controller="myController">

    <h2>Date Display</h2>

    <label>Date Format:

        <select ng-model="selectedFormat" ng-change="updateDate()">

            <option value="fullDate">Full Date</option>

            <option value="shortDate">Short Date</option>

            <option value="mediumTime">Medium Time</option>

            <option value="shortTime">Short Time</option>

            <option value="yyyy-MM-dd HH:mm:ss">Custom Format (yyyy-MM-dd HH:mm:ss)</option>

        </select>

    </label>

    <p>Selected Date Format: {{ selectedFormat }}</p>

    <p>Formatted Date: {{ formattedDate }}</p>

</div>

<script>

    var app = angular.module('myApp', []);

    app.controller('myController', function ($scope, $filter) {

        $scope.selectedFormat = 'fullDate'; // Default date format

        $scope.updateDate = function () {

            var currentDate = new Date();

            $scope.formattedDate = $filter('date')(currentDate, $scope.selectedFormat);

        };

        // Initial date update

        $scope.updateDate();

    });

</script>

</body>

</html>