nameApp.html

```html
1   <html ng-app="nameApp">
2
3   <head>
4       <title>AngularJS Full Name Example</title>
5       <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.0/angular.min.js">
6       </script>
7   </head>
8
9   <body>
10      <div  ng-controller="nameCtrl">
11          FirstName:
12          <input type="text" ng-model="firstName" placeholder="Enter your first Name">
13          LastName:
14          <input type="text" ng-model="lastName" placeholder="Enter your last Name">
15          <br><br>
16          <button ng-click="displayFullName()">Display Full Name</button>
17          <h1>Full Name is:{{ fullName }}</h1>
18      </div>
19      <script>
20          angular.module('nameApp',[])
21          .controller('nameCtrl',function($scope){
22              $scope.firstName='Raj';
23              $scope.lastName='Kumar';
24              $scope.displayFullName=function(){
25                  $scope.fullName=$scope.firstName+' '+$scope.lastName;
26              };
27          });
28      </script>
29  </body>
30  </html>
```

shoppingApp.html

```html
1   <html ng-app="shoppingApp">
2
3   <head>
4       <title>AngularJS Shopping List</title>
5       <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.0/angular.min.js"><
    /script>
6   </head>
7
8   <body ng-controller="shoppingCtrl">
9       <h2>Shopping List</h2>
10      <table>
11          <tr ng-repeat="item in shoppingItems">
12              <td>{{ item }}</td>
13              <td>
14                  <button ng-click="removeItem($index)">Remove</button>
15              </td>
16          </tr>
17          </table>
18          <input type="text" ng-model="newItem" placeholder="Add new Item"/>
19          <button ng-click="addItem()">Add Item</button>
20          <script>
21              angular.module('shoppingApp',[])
22              .controller('shoppingCtrl', function ($scope) {
23                  $scope.shoppingItems = ['Apple','Banana','Bread','Milk'];
24                      $scope.addItem=function(){
25                          if($scope.newItem){
26                              $scope.shoppingItems.push($scope.newItem);
27                              $scope.newItem=' ';
28                          }
29                      };
30                      $scope.removeItem=function(index){
31                          $scope.shoppingItems.splice(index,1);
32                      };
33              });
34          </script>
35          </body>
36          </html>
37
38
39
```

calculatorapp.html

```html
1   <html ng-app="calculatorApp">
2
3   <head>
4       <title>AngularJS Calculator</title>
5       <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
6   </head>
7
8   <body ng-controller="calculatorController">
9       <h2>Simple Calculator</h2>
10      Enter the number 1:
11      <input type="number" ng-model="num1"/>  
12      Select operator:
13      <select ng-model="operator">
14          <option value="+">Add</option>
15          <option value="-">Sub</option>
16          <option value="*">Mul</option>
17          <option value="/">Div</option>
18      </select>  
19      Enter the number 2:
20      <input type="number" ng-model="num2"/>
21      <button ng-click="calculate()">Calculate</button>
22      <p ng-show="result !== undefined">Result: {{ result }}</p>
23      <script>
24          var app = angular.module('calculatorApp', []);
25          app.controller('calculatorController', function ($scope) {
26              $scope.calculate = function () {
27                  switch ($scope.operator) {
28                      case '+':
29                          $scope.result = $scope.num1 + $scope.num2; break;
30                      case '-':
31                          $scope.result = $scope.num1 - $scope.num2; break;
32                      case '*':
33                          $scope.result = $scope.num1 * $scope.num2; break;
34                      case '/':
35                          if ($scope.num2 !== 0) {
36                              $scope.result = $scope.num1 / $scope.num2;
37                          }
38                          else {
39                              $scope.result = 'cannot divide by zero';
40                          }
41                          break;
42                  }
43              };
44          });
45      </script>
46  </body>
47  </html>
48
49
50
51
52
53
54
55
56
```

mathApp.html

```html
1   <html ng-app="mathApp">
2       <head>
3           <title>AngularJS Math operation</title>
4           <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js">
    </script>
5       </head>
6       <body ng-controller="mathController">
7           <h1>Math Operations</h1>
8           Enter the Number:
9           <input type="number" ng-model="inputNumber"/>
10          <button ng-click="calculateFactorial()">calculate Factorial</button>
11          <button ng-click="calculateSquare()">calculate Square</button>
12          <p ng-show="factorialResult !== undefined">Factorial: {{ factorialResult }}</p>
13          <p ng-show="squareResult !== undefined">Square: {{ squareResult }}</p>
14          <script>
15              var app=angular.module('mathApp',[]);
16              app.controller('mathController',function($scope){
17                  $scope.calculateFactorial=function(){
18                      if($scope.inputNumber >=0 ){
19                          $scope.factorialResult=factorial($scope.inputNumber);
20                      }
21                      else{
22                          $scope.factorialResult='cannot calculate factorial for negetive
    numbers';
23                      }
24                  };
25                  $scope.calculateSquare=function(){
26                      $scope.squareResult=$scope.inputNumber*$scope.inputNumber;
27                  };
28                  function
29                  factorial(n)
30                  {
31                      if(n==0||n==1)
32                      {
33                          return 1;
34                      }
35                      else{
36                          return n*factorial(n-1);
37                      }
38                  }
39              });
40          </script>
41      </body>
42  </html>
```

studentApp.html

```html
1   <html ng-app="studentApp">
2       <head>
3           <title>AngularJS Student app</title>
4           <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js">
    </script>
5       </head>
6       <body ng-controller="studentController">
7           <h1>Students Details</h1>
8           Student Name:
9           <input type="text" ng-model="name"/>
10          CGPA:
11          <input type="number" ng-model="cgpa" ng-min="1" ng-max="10"/>
12          <button ng-click="addStudent()">Add Student</button>
13          <p>Total Students: {{ students.length }}</p>
14          <ul>
15              <li ng-repeat="student in students">
16                  {{ student.name }} - CGPA : {{ student.cgpa }}
17              </li>
18          </ul>
19          <script>
20              var app = angular.module('studentApp',[]);
21              app.controller('studentController', function ($scope){
22                  $scope.students = [];
23                  $scope.addStudent = function() {
24                      if ($scope.name && $scope.cgpa) {
25                          $scope.students.push({
26                              name: $scope.name,
27                              cgpa: $scope.cgpa
28                          });
29                          $scope.name =' ';
30                          $scope.cgpa =' ';
31                      }
32                  };
33              });
34          </script>
35
36
37      </body>
38  </html>
```

todoApp.html

```html
1   <!DOCTYPE html>
2   <html ng-app="todoApp">
3       <head>
4           <title>Angular todo App</title>
5           <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js">
    </script>
6       </head>
7       <body ng-controller="todoController">
8           <h1>To do list Management</h1>
9           <form ng-submit="addTask()">
10              Task:
11              <input type="text" ng-model="newTask" required>
12              <button type="submit">Add Task</button>
13          </form>
14          <br>
15          <table>
16              <thead>
17                  <tr>
18                      <th>Task</th>
19                      <th>Action</th>
20                  </tr>
21              </thead>
22              <tbody>
23                  <tr ng-repeat="task in tasks">
24                      <td>{{ task }}</td>
25                      <td>
26                          <button ng-click="editTask($index)">Edit</button>
27                          <button ng-click="deleteTask($index)">Delete</button>
28                      </td>
29                  </tr>
30              </tbody>
31          </table>
32          <div ng-if="editingTaskIndex !== null">
33              <h2>Edit Task</h2>
34              Task:
35              <input type="text" ng-model="tasks" required>
36              <br>
37              <button ng-click="saveEdit()">Save</button>
38              <button ng-click="cancelEdit()">Cancel</button>
39          </div>
40          <script>
41              var app=angular.module('todoApp',[]);
42              app.controller('todoController',function ($scope){
43                  $scope.tasks = [
44                      'Task 1',
45                      'Task 2',
46                      'Task 3'
47                  ];
48                  $scope.newTask=' ';
49                  $scope.editingTaskIndex = null;
50
51                  $scope.addTask = function(){
52                      $scope.tasks.push($scope.newTask);
53                      $scope.newTask=' ';
54                  };
55                  $scope.editTask = function(index){
56                      var updatedTask=prompt('Enter the updated task:');
```

```
57                    if (updatedTask !== null ) {
58                        $scope.tasks.splice(index,1,updatedTask);
59                    }
60                };
61                $scope.deleteTask=function(index){
62                    $scope.tasks.splice(index,1);
63                };
64            })
65        </script>
66    </body>
67 </html>
```

crudApp.html

```
 1  <!DOCTYPE html>
 2  <html ng-app="crudApp">
 3
 4  <head>
 5      <title>AngularJS CRUD Application</title>
 6      <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
 7  </head>
 8
 9  <body ng-controller="crudController">
10      <h1>User Management</h1>
11      <form ng-submit="addUser()">
12          Name:
13          <input type="text" ng-model="name" required>
14          <br>
15          Age:
16          <input type="number" ng-model="age" required>
17          <br>
18          Email:
19          <input type="text" ng-model="email" required>
20          <br>
21          <button type="submit">Add User</button>
22      </form>
23      <br>
24      <table>
25          <thead>
26              <tr>
27                  <th>Name</th>
28                  <th>Age</th>
29                  <th>Email</th>
30                  <th>Action</th>
31              </tr>
32          </thead>
33          <tbody>
34              <tr ng-repeat="user in users">
35                  <td>{{ user.name }}</td>
36                  <td>{{ user.age }}</td>
37                  <td>{{ user.email }}</td>
38                  <td>
39                      <button ng-click="editUser(user)">Edit</button>
40                      <button ng-click="deleteUser(user)">Delete</button>
41                  </td>
42              </tr>
43          </tbody>
44      </table>
45      <script>
46          var app = angular.module('crudApp', []);
47          app.controller('crudController', function ($scope) {
48              $scope.users = [
49                  { name: 'Ram', age: 25, email: 'ram@gmailcom' },
50                  { name: 'Sam', age: 30, email: 'sam@gmail.com' },
51              ];
52              $scope.addUser = function () {
53                  $scope.users.push({ name: $scope.name, age: $scope.age, email: $scope.email });
54                  $scope.name = '';
```

```
55                    $scope.age = '';
56                    $scope.email = '';
57                };
58            $scope.editUser = function (user) {
59                var index = $scope.users.indexOf(user);
60                // Prompt for updated values with validation
61                var updatedName = prompt('Enter updated name:', user.name);
62                var updatedAge =prompt('Enter updated age:', user.age);
63                var updatedEmail =prompt('Enter updated email:', user.email);
64                // Check if the user pressed cancel
65                if (!(updatedName == null && updatedAge == null && updatedEmail == null)
   ) {
66                    // Update the user
67                    var updatedUser = {
68                        name: updatedName,
69                        age:parseInt(updatedAge),
70                        email: updatedEmail
71                    };
72                    $scope.users.splice(index, 1, updatedUser);
73                }
74            };
75            $scope.deleteUser = function (user) {
76                var index = $scope.users.indexOf(user);
77                $scope.users.splice(index, 1);
78            };
79        });
80    </script>
81 </body>
82
83 </html>
```

loginApp.html

```
1   <html ng-app="loginApp">
2   <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></
    script>
3
4   <body ng-controller="loginController">
5       <h1>Login Form</h1>
6       <!-- Form for login with validation -->
7       <form ng-submit="login()">
8           Username
9           <input type="text" ng-model="username" required>
10          <br>
11          Password
12          <input type="password" ng-model="password" required>
13          <br>
14          <button type="submit">Login</button>
15      </form>
16      <script>
17          var app = angular.module('loginApp', []);
18          app.controller('loginController',
19              function ($scope) {
20                  $scope.login = function () {
21                      // Check if username is "Ram" and password is "Ram"
22                      if ($scope.username == 'ram' && $scope.password == 'ram') {
23                              alert('Login successful');
24                          // Add further logic for successful login
25                      } else {
26                          alert('Login failed. Invalid username or password.');
27                          // Add logic for failed login
28                      }
29                  };
30              });
31      </script>
32  </body>
33
34  </html>
```

employeeApp.html

```html
1   <html ng-app="employeeApp">
2
3   <head>
4       <title>AngularJS Employee Search</title>
5       <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
6   </head>
7
8   <body ng-controller="employeeController">
9       <h2>Employee List</h2>
10      Search by Name:
11      <input type="text" ng-model="searchName" />
12      Search by Salary:
13      <input type="number" ng-model="searchSalary" />
14      <ul>
15          <li ng-repeat="employee in employees | filter: {name: searchName, salary: searchSalary}">
16              {{ employee.name }} - Salary: Rs{{ employee.salary }}
17          </li>
18      </ul>
19      <script>
20          var app = angular.module('employeeApp', []);
21          app.controller('employeeController', function ($scope) {
22              $scope.employees = [
23                  { name: 'Ram', salary: 50000 },
24                  { name: 'abi', salary: 60000 },
25                  { name: 'sam', salary: 75000 },
26                  { name: 'raj', salary: 55000 }
27              ];
28              $scope.searchName = '';
29              $scope.searchSalary = '';
30          });
31      </script>
32  </body>
33
34  </html>
```

itemApp.html

```
 1  <html ng-app="itemApp">
 2  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></
    script>
 3
 4  <body ng-controller="itemController">
 5      <h2>Item Collection</h2>
 6      Add New Item:
 7      <input type="text" ng-model="newItem" />
 8      <button ng-click="addItem()">Add Item</button>
 9      <ul>
10          <li ng-repeat="item in items track by $index">
11              {{ item }}
12              <button ng-click="removeItem($index)">Remove</button>
13          </li>
14      </ul>
15      <p>Total Items: {{ items.length }}</p>
16      <script>
17          var app = angular.module('itemApp', []);
18          app.controller('itemController', function ($scope) {
19              $scope.items = ['Item 1', 'Item 2', 'Item 3']; // Default items
20              $scope.newItem = '';
21              $scope.addItem =
22                  function () {
23                      if
24                          ($scope.newItem) {
25                          $scope.items.push($scope.newItem);
26                          $scope.newItem = ''; // Clear the input field
27                      }
28                  };
29              $scope.removeItem = function (index) {
30                  $scope.items.splice(index, 1);
31              };
32          });
33      </script>
34  </body>
35
36  </html>
```

student1App.html

```
 1  <html ng-app="studentApp">
 2  <title>Student Name Converter</title>
 3  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></
    script>
 4
 5  <body ng-controller="studentController">
 6      <h2>Student Names</h2>
 7      <!-- Display the original student names -->
 8      <h3>Original Names:</h3>
 9      <ul>
10          <li ng-repeat="name in names">
11              {{ name }}
12          </li>
13      </ul>
14      <!-- Display the student names in uppercase using filters -->
15      <h3>Names in Uppercase:</h3>
16      <ul>
17          <li ng-repeat="name in names">
18              {{ name | uppercase }}
19          </li>
20          </ ul>
21          <script>
22              var app = angular.module('studentApp', []);
23              app.controller('studentController', function ($scope) {
24                  $scope.names = ['Raj', 'Ram', 'Sam'];
25              });
26          </script>
27  </body>
28
29  </html>
```

dateApp.html

```
 1  <!DOCTYPE html>
 2  <html ng-app="dateApp">
 3
 4  <head>
 5      <title>Date Display Application</title>
 6      <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
 7  </head>
 8
 9  <body ng-controller="dateController">
10      <h2>Date Display</h2>
11      <!-- Display the current date with various filter parameters -->
12      <p>Default Format: {{ currentDate | date }}</p>
13      <p>Custom Format (yyyy-MM-dd): {{ currentDate | date:'yyyy-MM-dd' }}</p>
14      <p>Short Date: {{ currentDate | date:'shortDate' }}</p>
15      <p>Full Date: {{ currentDate | date:'fullDate' }}</p>
16      <script>
17          var app = angular.module('dateApp', []); app.controller('dateController',
18              function ($scope) {
19                  $scope.currentDate = new Date();
20              });
21      </script>
22  </body>
23
24  </html>
```