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| Class B.Tech CsBs | Batch: 1 |
| Date of Experiment: 15-3-2022 | Date of Submission: 15-3-2022 |

# Designing Angular JS Application

## Code

### Script.js

angular.module('app', []);

angular.module('app').controller("MainController", function(){

    var vm = this;

    vm.title = 'AngularJS Practicle Example';

    vm.searchInput = '';

    vm.shows = [

        {

            title: '2 States',

            author: 'Chetan Bhagat',

            favorite: false

        },

        {

             title: 'Life of Pi',

            author: 'Davan',

            favorite: true

        },

        {

             title: 'Wings of Fire',

            author: 'APJ Abdul Kalam',

            favorite: true

        },

        {

             title: 'I too have a gf',

            author: 'Chetan Bhagat',

            favorite: false

        },

        {

             title: 'The Sealed Nector',

            author: 'Raheeq',

            favorite: true

        }

    ];

    vm.orders = [

        {

            id: 1,

            title: 'Author Ascending',

            key: 'author',

            reverse: false

        },

        {

            id: 2,

            title: 'Author Descending',

            key: 'author',

            reverse: true

        },

        {

            id: 3,

            title: 'Title Ascending',

            key: 'title',

            reverse: false

        },

        {

            id: 4,

            title: 'Title Ascending',

            key: 'title',

            reverse: true

        }

    ];

    vm.order = vm.orders[0];

    vm.new = {};

    vm.addShow = function() {

        vm.shows.push(vm.new);

        vm.new = {};

    };

});

### Index.html

<body>

<!-- partial:index.partial.html -->

<html>

<head lang="en">

    <meta charset="UTF-8">

    <title>AngularJS Practical</title>

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.1/css/bootstrap.min.css">

    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.3.4/angular.min.js"></script>

    <script src="app.js"></script>

    <script src="main.ctrl.js"></script>

</head>

<body ng-app="app" ng-controller="MainController as main">

<div class="container">

    <h1>{{main.title}}</h1>

    <div class="input-group">

        <span class="input-group-addon">

            <span class="glyphicon glyphicon-search"></span>

        </span>

        <input type="text" class="form-control" ng-model="main.searchInput">

    </div>

    <h3>A list of Books</h3>

    <ul class="list-group">

        <li class="list-group-item" ng-repeat="show in main.shows | filter:main.searchInput | orderBy:main.order.key:main.order.reverse"><span class="glyphicon glyphicon-star" ng-if="show.favorite"></span> {{show.title}} <span class="badge">{{show.author}}</span></li>

    </ul>

    <select class="form-control pull-right" ng-model="main.order" ng-options="order as order.title for order in main.orders"></select>

    <div class="clearfix"></div>

    <h3>Add a new Book</h3>

    <form name="main.addForm" class="form" ng-submit="main.addShow()">

        <div class="form-group">

            <label>Title</label>

            <input type="text" class="form-control" ng-model="main.new.title" required />

        </div>

        <div class="form-group">

            <label>Author</label>

          <input type="text" class="form-control" ng-model="main.new.author" required />

            <!--<input type="number" min="1900" max="2030" class="form-control" ng-model="main.new.year" required />-->

        </div>

        <div class="row">

            <div class="col-xs-6">

                <label>Favorite: <input type="checkbox" ng-model="main.new.favorite" /></label>

            </div>

            <div class="col-xs-6">

                <button class="btn btn-success pull-right"><span class="glyphicon glyphicon-plus-sign"></span> Add</button>

            </div>

        </div>

    </form>

</div>

</body>

</html>

<!-- partial -->

  <script  src="./script.js"></script>

</body>

## Output

