**Exercise04\_03\_01 – Step 1**

index.html

<body class="bg-secondary" ng-controller="MyController">

<div ng-view></div>  
------------------------------------

index.html

<body class="bg-secondary">

------------------------------------

index.html

<script src="lib/angular/angular.min.js"></script>

<script src="lib/angular/angular-route.min.js"></script>

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index.html

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

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

------------------------------------

controllers.js

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

myApp.controller('MyController', function MyController($scope, $http) {

$http.get('js/data.json')

.then(function(response) {

$scope.artists = response.data;

$scope.artistOrder = 'name';

});

});

------------------------------------

controllers.js

myControllers.controller('SearchController',   
 function MyController($scope, $http) {

------------------------------------

app.js

var myApp = angular.module('myApp', [

'ngRoute',

'myControllers'

]);

app.js

myApp.config(['$routeProvider', function($routeProvider) {

}]);

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app.js

myApp.config(['$routeProvider', function($routeProvider) {

$routeProvider

.when('/', {

templateUrl: 'js/partials/search.html',

controller: 'SearchController'

});

}]);

**Exercise04\_03\_01 – Step 2**

controllers.js

myControllers.controller('DetailsController', function   
 MyController($scope, $http) {

$http.get('js/data.json')

.then(function(response) {

$scope.artists = response.data;

});

});

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controllers.js

$scope.artists = response.data;

$scope.whichItem = 0;

------------------------------------

app.js

.when('/', {

templateUrl: 'js/partials/search.html',

controller: 'SearchController'

})

.when('/details', {

templateUrl: 'js/partials/details.html',

controller: 'DetailsController'

});

**Exercise04\_03\_01 – Step 3**

app.js

.when('/details/:itemId', {

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controllers.js

myControllers.controller('DetailsController', function   
 MyController($scope, $http, $routeParams) {

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controllers.js

$scope.artists = response.data;

$scope.whichItem = $routeParams.itemId;

------------------------------------

search.html

<a href="#/details/{{artists.indexOf(artist)}}">

<div class="media d-flex align-items-center">

<img class="rounded-circle mr-3"   
 ng-src="images/{{artist.shortname}}\_tn.jpg"   
 alt="Photo of {{artist.name}}">

<div class="media-body">

<h5 class="my-0 text-dark">{{artist.name}}</h5>

<div class="text-secondary font-italic">  
 {{artist.reknown}}</div>

</div>

<!-- media-body -->

</div>

<!-- media -->

</a>

------------------------------------

details.html

href="#/details/{{prevItem}}">&lt;</a>

------------------------------------

details.html

href="#/details/{{nextItem}}">&gt;</a>

controllers.js

$scope.whichItem = $routeParams.itemId;

if ($routeParams.itemId > 0) {

$scope.prevItem = Number($routeParams.itemId) - 1;

}

else {

$scope.prevItem = $scope.artists.length - 1;

}

if ($routeParams.itemId < $scope.artists.length - 1) {

$scope.nextItem = Number($routeParams.itemId) + 1;

}

else {

$scope.nextItem = 0;

}