**Exercise04\_02\_01 – Step 1**

index.html

search <span ng-show="query">{{ 'for: ' + query}}</span>

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

index.html

search <span ng-if="query">{{ 'for: ' + query}}</span>

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

app.js

$scope.artists = [

{

"name":"Barot Bellingham",

"shortname":"Barot\_Bellingham",

"reknown":"Royal Academy of Painting and Sculpture",

"bio":"Barot has just finished his final year at The   
 Royal Academy of Painting and Sculpture, where he

excelled in glass etching paintings and portraiture.

Hailed as one of the most diverse artists of his

generation, Barot is equally as skilled with watercolors

as he is with oils, and is just as well-balanced in

different subject areas. Barot's collection entitled

\"The Un-Collection\" will adorn the walls of Gilbert

Hall, depicting his range of skills and sensibilities –

all of them, uniquely Barot, yet undeniably different"

},

…

]

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

index.html

<li class="list-group-item" ng-repeat="artist in artists">

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

index.html

<ul class=" list-group d-flex" ng-if="query">

**Exercise04\_02\_01 – Step 2**

app.js

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

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

app.js

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

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

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

app.js

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

.then(function(response) {

});

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

app.js

.then(function(response) {

$scope.artists = response.data;

});

**Exercise04\_02\_01 – Step 3**

index.html

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

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

index.html

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

**Exercise04\_02\_01 – Step 4**

index.html

<ul class=" list-group d-flex">  
------------------------------------

index.html

{{artist.name | uppercase }}  
 {{artist.reknown}  
------------------------------------

index.html

ng-repeat="artist in artists | limitTo: 4"

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

index.html

ng-repeat="artist in artists | filter: query"

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

index.html

ng-repeat="artist in artists | filter: query |   
 orderBy: ’name’"

**Exercise04\_02\_01 – Step 5**

index.html

<div class="form-row">

. . .

</div>

<!-- form-row -->

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

index.html

<select class="form-control form-control-inline mr-3 w-100"   
 ng-model="artistOrder">

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

index.html

<li class="list-group-item"   
 ng-repeat="artist in artists | filter: query |   
 orderBy: artistOrder">

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

index.html

<input class="form-check-input" type="radio"   
 name="direction" checked   
 ng-model="direction">

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

index.html

<input class="form-check-input" type="radio"   
 name="direction"   
 ng-model="direction">

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

index.html

<li class="list-group-item"   
 ng-repeat="artist in artists | filter: query |   
 orderBy: artistOrder:direction">

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

app.js

$scope.artists = response.data;

$scope.artistOrder = 'name';