**Exercise05\_01\_01 – Step 1**

index.html

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

</head>

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

index.html

<section class="card register" ng-app>

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

index.html

<input type="text" name="firstname" placeholder="First Name"   
 ng-model="message">

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

index.html

<div class="textintro">

<h1>Form Validation</h1>

<p>Please fill out the following form</p>

<p>{{ message }}</p>

</div>

**Exercise05\_01\_01 – Step 2**

index.html

<input type="text" name="firstname"

placeholder="First Name"

ng-model="firstname">

<input type="text" name="lastname"

placeholder="Last Name"

ng-model="lastname">

<input type="email" name="email"

placeholder="Email"

ng-model="email">

<input type="password" name="password"

placeholder="Password"

ng-model="password">

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

index.html

<p>{{ firstname }}</p>

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

index.html

ng-model="user.firstname">

ng-model="user.lastname">

ng-model="user.email">

ng-model="user.password">

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

index.html

<p>{{ user }}</p>

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

index.html

<form name="myform" novalidate>

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

index.html

<input type="text" name="firstname"

placeholder="First Name"

ng-model="user.firstname"

ng-required=”true”>

index.html

<p ng-show="myform.firstname.$invalid">

You must fill out your first name.</p>

**Exercise05\_01\_01 – Step 3**

index.html

ng-required="true">

<p ng-show="myform.firstname.$invalid">

You must fill out your first name.</p>

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

index.html

<p ng-show="myform.firstname.$invalid &&

myform.firstname.$touched">

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

index.html

<p class="error validationerror"

ng-show="myform.firstname.$invalid &&

<p class="error validationerror"

ng-show="myform.lastname.$invalid &&

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

index.html

ng-model="user.email">

<p class="error validationerror"

ng-show="myform.email.$invalid &&

myform.email.$touched">

This must be a valid email.</p>

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

index.html

ng-model="user.password"

ng-minlength="6">

<p class="error validationerror"

ng-show="myform.password.$invalid &&

myform.password.$touched">

Password must be at least 6 characters.</p>

**Exercise05\_01\_01 – Step 4**

style.css

input.ng-invalid {

border: 1px solid #DA3637;

}

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

style.css

input.ng-invalid.ng-touched {

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

style.css

input.ng-valid.ng-touched {

border: 1px solid #509D12;

}

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

style.css

.ng-invalid .btn {

background-color: gray;

}

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

style.css

.error {

color: red;

padding-bottom: 10px;  
}

**Exercise05\_01\_01 – Step 5**

index.html

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

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

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

app.js

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

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

index.html

<section class="card register" ng-app="myApp">

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

app.js

myApp.controller('RegistrationController', [’$scope’, function($scope) {

}]);

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

app.js

myApp.controller('RegistrationController', [$scope, function($scope) {

$scope.register = function() {

$scope.message = 'Thank you for your submission, ' +   
 $scope.user.firstname;  
 };

}]);

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

index.html

<form name="myform"

ng-submit="register()"

novalidate>

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

index.html

<p>Please fill out the following form</p>

<p ng-show="message">{{ message }}</p>

index.html

<section class="card register"

ng-app="myApp"

ng-controller="RegistrationController">