**Ng-Pattern**

ng-Pattern adds the pattern validator (Regular Expression) to ng-Model. It is most often used for text-based input form controls.

**Syntax:**

<htmlinputTag ng-pattern=” ”> . . . </ htmlinputTag >

**Arguments:**

RegExp or expression :> AngularJS expression that must evaluate to a RegExp or a String parsable into a RegExp.

**Eg:**

<div ng-app>

<form name="myForm">

<label>This input is valid by only numbers</label>

<br />

<input type="text" ng-model="myModel" name="myInput" ng-pattern="/^\d+$/" />

<br />

<label>Is Valid : {{myForm.myInput.$valid}}</label>

</form>

</div>

**Pros and Cons:**

* Fast and simple development
* Easy input validation
* Improves forms validation on client side
* Better performance compares to traditional JavaScript validation
* Regex knowledge required
* In Regex, global and case sensitive limitations
* More concentrate on large regex validations
* Works with current scope