**Knockout**

Knockout is a JavaScript library that helps us to create rich, responsive display and editor user interfaces with a clean underlying data model  
**MVVM and View Models:  
Model-View-View-Model(MVVM)** is a design pattern for building user interface. It describes how User Interface splitting into 3 parts  
**A Model:**Our application’s stored data. This data represents objects and operations in our business domain. When using ko, we will usually make a AJAX calls to some server side code to read and write this stored model data  
**A View Model:**It is a pure-code representation of the dataand operations on a UI  
Ex:  
create a view model with ko, just declare any JavaScript object  
var MyViewModel = {  
 FirstName: ‘Afsha’,  
 LastName: ‘Mohammed’  
};  
**A View:**a visible, interactive UI representing the state of the view model  
When using ko, it is a HTLM document with declarative binding to link it to the View Model  
EX:  
create a simple view of the above view model using declarative binding  
<input type=”text” name=”FirstName” data-bind=”text: FirstName”>

**Activate knockout:**To activate knockout, we have to add the below in the <script> block  
ko.applyBindings( MyViewModel);