



Assignment - 07

myCOMPANION 43304

* Aim → Create an application for bill payment using Angular JS.

* Theory →

• Angular JS :

- ① It is a client-side JAVA MVC framework to develop a dynamic application.
- ② Originally started as a project in Google, but now it is an open-source framework.
- ③ Entirely based on HTML and JS.
- ④ Extends the ability of HTML by adding built-in attributes and components and also provides an ability to create custom attributes using simple JS.

• Advantages :

- ① Provides the capability to create single page application in a very clean and easy-to-maintain way.
- ② Angular JS code is unit testable.
- ③ Provides reusable components.
- ④ Provides data binding capability to HTML. Thus, it gives user a rich and responsive experience.

• \$HTTP.get :

- ① Shortcut for HTTP GET method.
- ② \$http is a core angular service to communicate with remote HTTP services.
- ③ \$http.get accepts a HTTP URL and an optional configuration object.
- ④ On the promise object returned by \$http.get; we can call .then callback or .success callback.
- ⑤ .success has been deprecated.

Syntax → `get (URL, [config])`



• Example :

```
var myApp = angular.module('myApp', []),  
  
myApp.controller('myController',  
  function($scope, $http) {  
    $http.get('sample-json.js').  
      then(function(response) {  
        $scope.jsondata = response.data;  
        console.log('Status : ' + response.status);  
      }).catch(function(response) {  
        console.error('Error : ' + response.status,  
          response.data);  
      }).finally(function() {  
        console.log('Task Finished');  
      });  
  });
```

* Conclusion → Thus we have learnt about Angular JS and implemented it in our assignment.