

Assignment 7

Aim: To create an application for bill payment using angular JS.

Theory:

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What is Angular JS?

- Angular JS is a clientside Javascript MVC framework to develop dynamic web app.
- It was originally started as project in Google but now it is an opensource framework.
- It is entirely based on HTML & JS.
- It extends the ability of HTML by adding builtin attributes.

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Advantages of Angular JS.

1. It provides capability to create single page application in very clean & maintain way.
 2. It has unit testable code.
 3. It uses reusable components.
 4. It provides Data binding capabilities to HTML.
- Thus it gives user a rich & responsive experience.

* \$http.get :-

- It is a shortcut for Get Method.
- \$http is core angular services to communicate with remote HTTP Services.
- rate with remote HTTP Services.
- \$http.get accept HTTP URL & optional config object.
- On promise object returned by \$http.get we can call then call back or success callback.

- 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.data);  
      }  
    ).catch(function (response) {  
      console.error("Error:", response.status  
        response.data);  
    })  
    finally(function () {  
      console.log("Task Finished");  
    });  
  });
```

Conclusion: In this way, I have implemented app for bill payment using AngularJS.