**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*JSClosureDemo\_001.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"><html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>JS Demo</title>

<script language="javascript" type="text/javascript">

/\*function action()

{ console.log("Action Invoked ");

}\*/

//execute above function in browser.

//u will not get output .But when u make a self executing

//function then we get output

/\*(

function action()

{

console.log("Action Invoked ");

}

)();

\*/

//Closure

function action()

{

console.log("Action Invoked ");

}

)();

</script>

</head>

<body bgcolor="pink">

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*JSClosureDemo\_002.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>JS Demo</title>

<script language="javascript" type="text/javascript">

function setGloble()

{

var year=2014;

//limited for function

//if i want to access this outside i have to make closure.

//var consoleYear=function()

consoleYear=function()

{

console.log("year : "+year);

}

//var increamentYear=function()

increamentYear=function()

{

year++;

}

//var setYear=function(yr)

setYear=function(yr)

{

year=yr;

}

}

</script>

</head>

<body bgcolor="pink">

<input type="button" value="Call Set Globles" onclick="setGloble();"/></br>

<input type="button" value="Call Console Year" onclick="consoleYear();"/></br>

<input type="button" value="Call Increment Year" onclick="increamentYear();"/></br>

<input type="button" value="Call Set Year" onclick="setYear(2000);"/></br>

</body>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*JSConstruDemo\_003.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Constructor Demo</title>

</head>

<body bgcolor="cyan">

Constructor Demo...

</body>

<script>

var Employee=function()

{

this.ID=0;

this.name="";

};

Employee.prototype.printInformation=function(){

console.log("ID :"+this.ID+" Name : "+this.name);

}

var e1=new Employee();

e1.ID=8987;

e1.name="Vaishali";

e1.printInformation();

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*JSModuleDemo\_004.html\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Module Demo</title>

</head>

<body bgcolor="pink">

<h2>Module Demo....</h2>

</body>

<script>

alert("Hello Vaishali");

var module=

(

function(){

var moduleVariable="Module Variable ";

alert(moduleVariable);

return{

task1: function(arg1,arg2){

console.log("Task 1 : "+ arg1+ " : "+arg2);

},

task2: function(){

console.log("Task 2 Module Variable: "+

moduleVariable);

},

task3: function(){return this;}

};

}

)();

module.task1(4,5);

module.task2();

module.task3().task2();

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*JSScopeDemo\_005.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Scope</title>

</head>

<body bgcolor="cyan">

Scope...

</body>

<script>

/\*(

function(){

( function(){

var a =5;

console.log(a);

}

)();

}

)();\*/

/\*(

function(){

var a =5;

( function(){

console.log(a);

}

)();

}

)();

\*/

/\*(

function(){

( function(){

var a;

console.log(a);

a=5;

//this is as good as var a=5 at this line

//answer is undefine

}

)();

}

)();\*/

/\* Test();

function Test(){

console.log("Test Invoked");

//thi s is possible because it will place at start.

//best practice declare and then call.

//use var keyword for declaring function

}

\*/

/\*function sum(a){

return a;

//sum(9) return 9 so how to achieve sum(9)(7)

}\*/

function sum(a){

return function(b){

return a+b;

//sum(9)(8) return 17

}

}

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJSDemoBasic\_001\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!-- Using Directives And Data Binding Syntax\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* -->

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html ng-app>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<bodybgcolor="cyan">

<div class="container">

Name:<input type="text" name="txtFirstName"

ng-model="firstName">{{firstName}}

</div>

</body>

<script src="Scripts/angular.js"></script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJSDemoBasic\_002.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!-- Using Directives And Data Binding Syntax\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* -->

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html data-ng-app="">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body data-ng-init="name=['Vaishali','Lavanya','Abhishek']" bgcolor="cyan">

<div class="container">

Name:<input type="text" name="txtFirstName"

ng-model="firstName">{{firstName}}

</br>

<ul>

<li data-ng-repeat="personName in name">{{personName}} </li>

</ul>

</div>

</body>

<script src="Scripts/angular.js"></script>

</html>]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJSDemoMvcContr\_003.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html ng-app>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Angular JS Demo\_3.html</title>

</head>

<body bgcolor="pink"">

<!-- View -->

<!-- {{}} This is called as Angular Expressions -->

<div ng-controller="EmployeeController">

<h1>Your ID :</h1>

{{employee.ID}}

</br>

<h1>Your Name:</h1>

{{employee.Name}}

</br>

</div>

</body>

<script src="Scripts/angular.js"></script>

<script language="javascript">

function EmployeeController($scope){

//Object is in controller Which is bad practise.

$scope.employee={ID:821215,Name:'Vaishali'};

}

</script></html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJSDemoExpres\_004.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!-- Angular initializes automatically upon DOMContentLoaded event or

when the angular.js script is evaluated if at that time document.readyState is set to 'complete'.

At this point Angular looks for the ng-app directive which designates your application root.

If the ng-app directive is found then Angular will:

Load the module associated with the directive.

Create the application injector

Compile the DOM treating the ng-app directive as the root of the compilation.

This allows you to tell it to treat only a portion of the DOM as an Angular application. -->

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html ng-app>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body >

<div>

{{3\*3}}</br>

{{['vaishali','Anju','Gitika'][1]}}

</div>

</body>

<script src="Scripts/angular.js"></script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJsDemoRootSco\_005.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html ng-app="myApp">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<div ng-controller="SampleController">

<h1>{{compName}}</h1><!-- Prints IGate -->

</div>

outside div tag</br>

<h1>{{compName}}</h1><!-- Prints Microsoft -->

</body>

<script src="Scripts/angular.js"></script>

<script>

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

app.run(function($rootScope) {

$rootScope.compName = "Microsoft";//rootscope acts like globle function

});//it is used to kick start application.

app.controller("SampleController", function($scope) {

$scope.compName = "IGate";

});

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJsDemoRootSco\_006.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html ng-app="myApp">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<h1>{{compName}}</h1>

<div ng-controller="SampleController">

<h1>{{company}}</h1>

</div>

</body>

<script src="Scripts/angular.js"></script>

<script>

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

app.run(function($rootScope) {

$rootScope.compName = "Microsoft";

$rootScope.printCompName=function(){

console.log("Comp Name Is: "+$rootScope.compName);

}

});//it is used to kick start application.

app.controller("SampleController", function($scope,$rootScope) {

console.log($rootScope.compName);

$rootScope.compName="IGate"

$scope.company = $rootScope.compName;

});

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJsDemoDepdInj-007.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<html>

<head>

<title>Dependency Demo</title>

</head>

<body>

<h1>Dependency Demo</h1>

</body>

<script type="text/javascript">

function Foo(object) {

this.object = object;

}

Foo.prototype.showDetails = function(data) {

this.object.display(data);

}

var greeter = {

display : function(msg){

alert(msg);

}

}

var greeterConsole = {

display : function(msg){

console.log("Console msg"+msg);

}

}

var foo1 = new Foo(greeter);

foo1.showDetails("IGATE.........");

var foo2 = new Foo(greeterConsole);

foo2.showDetails("IGATE.........");

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJsDemoDepdInjSer\_008.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!-- \*\*\*\*\*\*What is Injector Service?\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

It is service single ton object used for dependency injection.

Suppose we have var app=angular.module(“myapp”,[]);

Function EmpControllee($scope){}. who create object of $scope in a controller.

So injector service create the object of controller.

Angular uses injector for managing look up and instantiation of dependency

It is responcible for instantiation of module,controller and directives and it is used in framework.

When any of our modules boot up at run time, the injector is responsible for actually instantiating

the instance of the object and passing in any of its required dependencies.

**Chrome\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Adding[Loading] 2 module in injector

var $injector=angular.injector(['ng','myApp']);

<<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Annotate method is used to display what all services available and has to be injected in the module.

$injector.annotate(function($q,$http){});

<<<["$q", "$http"]>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$injector.has('$http');

true

$injector.has('greeter');

true

$injector.has('$controller');

true

$injector.has('$rootScope');

<<<true>>>

$injector.has('$scope');

<<<false>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$injector.invoke(function(){console.log('Invoked');});

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var http=$injector.get('$http');

<<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var q=$injector.get('$q');

<<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var controller=$injector.get('$controller');

<<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var greeter=$injector.get('greeter');

<<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var rootScope=$injector.get('$rootScope');

<<<undefine>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

rootScope.globalVariable='Globle Var';

<<<"Globle Var">>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var $scope=rootScope.$new();

<<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$scope.scopeVariable="Scope Varibale";

<<<"Scope Varibale">>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var MyController=controller('MyController',{$scope:$scope});

<<undefined>>>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$scope.sayHello=function(){ greeter.greet('Happy Holli');};

<<<function (){ greeter.greet('Happy Holli');}>>>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

$scope.sayHello();<<function invoked>>>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

$injector.instantiate(function($http){});

<<<Constructor {}>>

$injector.instantiate(function(greeter){});

<<<Constructor {}>>>

var mynewgreeterObj=$injector.instantiate(function(greeter){});

<<<undefined>>>

mynewgreeterObj.greet=$scope.sayHello();

<<<undefined>>>

-->

<html ng-app="myApp">

<head>

<title> Dependancy Injection Demo</title>

</head>

<body bgcolor="pink">

<div ng-controller="MyController">

<button ng-click="sayHello()"> Hello EveryOne..../</button>

</div>

</body>

<script src="Scripts/angular.js"></script>

<script type="text/javascript">

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

myApp.factory('greeter',function(){

return{

greet: function(msg){alert(msg);}

}

}

);

var MyController=myApp.controller("MyController",function($scope,$rootScope,greeter){

if($rootScope.globalVariable != undefined)

{

alert($rootScope.globalVariable);

}

if($scope.scopeVariable != undefined)

{

alert($scope.scopeVariable);

}

$scope.sayHello=function()

{

greeter.greet('Happy New Year');

}

}

);

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJSDemoConfig\_009.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<html>

<head>

<title>AngularJS - Config</title>

<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />

</head>

<body>

<h1>AngularJS - config()</h1>

<div ng-app="myApp">

{[{1+2}]}

<!-- {{1+2}} This will not work -->

</div>

</body>

<script type="text/javascript" src="Scripts/angular.js"></script>

<script>

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

app.config(function($interpolateProvider){

$interpolateProvider.startSymbol('{[{').endSymbol('}]}');

}

);

</script

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AndularJsDemoModuleRun\_010.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html ng-app="directiveApp">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>User Defien Directive</title>

</head>

<body>

<h2>{{globalVariable}}</h2>

</body>

<script type="text/javascript" src="Scripts/angular.js"></script>

<script type="text/javascript">

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

myApp.run(function($rootScope){

$rootScope.globalVariable="IGate Global variable";

});

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJsDemoJQLite\_011.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<!-- chrome.exe -allow-file-access-from-files -disable-web-security -->

<!--element is already there in jquery object.

and so we can use jqlite function

-->

<html ng-app="myApp">

<head>

<style>

.box{

border:2px solid red;

display:block;

}

#theX{

font-size:10px;

}

</style>

</head>

<body >

<get-name></get-name>

</hr>

</body>

<script type="text/javascript" src="Scripts/jquery.js"></script>

<script type="text/javascript" src="Scripts/jquery-ui-1.11.1/jquery-ui.js"></script>

<script type="text/javascript" src="Scripts/angular.js"></script>

<script type="text/javascript">

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

app.directive("getName",function(){

return {

scope:{},

restrict:"E",

template:"<h2>Welcome To IGate</h2><h1>This is Training Division</h1>",

link:function(scope,element,attribute){

element.addClass('box');

element.bind('click',function(e){element.toggleClass('box')});

element.prepend('This is Header<hr/>');

element.append("<hr/> The is Footer Section");

var h2=angular.element(element.children()[2]);

h2.text(" I am Vaishali");

h2.css({"color":"green"});

h2.attr("id","theX");

}

}

}

);

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*AngularJsDemoJQLiteDatePick\_012.html\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

<html ng-app="myApp">

<head>

<title>Custom Directives</title>

<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />

<link href="Scripts/jquery-ui-1.11.1/jquery-ui.css" type="text/css" rel="stylesheet"/>

</head>

<body>

<h1>Custom Directives - using jQuery UI Datepicker</h1>

<hr/>

<div>

<div>

jQuery UI Date picker (Classical way): <input id="txtDatePicker" type="text"/>

</div>

<br/>

<div>

jQuery UI Date picker (Angular Custom Directive ): <input data-igate-date-picker="true" type="text"/>

</div>

</div>

</body>

<script type="text/javascript" src="Scripts/jquery.js"></script>

<script type="text/javascript" src="Scripts/jquery-ui-1.11.1/jquery-ui.js"></script>

<script type="text/javascript" src="Scripts/angular.js"></script>

<script>

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

app.directive('igateDatePicker',function(){

return function(scope,element,attrs){

element.datepicker({

changeMonth: true,

changeYear: true

});

}

});

</script>

<script>

$('#txtDatePicker').datepicker({

changeMonth: true,

changeYear: true

});

</script>

</html>

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*THE END\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***