ANGULAR JS

Create new dynamic web project , under web content create new folder js and copy the angular.js file

Create html file:

Ng-model,ng-bind:

<!DOCTYPE html>

<html ng-app=*"MyApp"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

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

<script >

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

</script>

</head>

<body>

<input type=*"text"* ng-model=*"uname"*/>

<h3>Hello {{uname}} !!</h3>

</body>

</html>

Output:



**Hello ffreere !!**

Ng-init

Variable and text box are binded together

<!DOCTYPE html>

<html ng-app=*"MyApp"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

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

<script >

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

</script>

</head>

<body ng-init=*"x=10"*>

<input type=*"text"* ng-model=*"x"*/>

the value of x is{{x}}

<h3>Hello {{uname}} !!</h3>

</body>

</html>

Output:

 the value of x is10ffff

**Hello !!**

DEFINING CONTROLLERS:

<!DOCTYPE html>

<html ng-app=*"MyApp"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

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

<script >

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

app.controller("MyController",**function**(){

**this**.firstName="";

**this**.lastName="";

**this**.getFullName=**function**(){

**return** **this**.firstName+" " +**this**.lastName;

}

});

</script>

</head>

<body ng-controller=*"MyController as mc"* >

Firstname: <input type=*"text"* ng-model=*"mc.firstName"*/>

Lastname: <input type=*"text"* ng-model=*"mc.lastName"*/>

Fullname :{{mc.getFullName()}}

</body>

</html>

OUTPUT:

Firstname:  Lastname:  Fullname :s ssssssss

To display student details:

Span tag : details is displayed only when u start typing the specified attribute

<!DOCTYPE html>

<html ng-app=*"MyApp"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

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

<script >

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

app.controller("MyController",**function**(){

**this**.name="";

**this**.roll="";

**this**.email="";

**this**.grade="";

**this**.getDetails=**function**(){

**return** **this**.name+" " +**this**.roll+" "+**this**.email+ " " +**this**.grade;

}

});

</script>

</head>

<body ng-controller=*"MyController as mc"*>

Student name:<input type=*"text"* ng-model=*"mc.name"*/>

roll no:<input type=*"text"* ng-model=*"mc.roll"*/>

email-id:<input type=*"text"* ng-model=*"mc.email"*/>

grade:<input type=*"text"* ng-model=*"mc.grade"*/> <br>

<span ng-show=*"mc.name"*>Details :{{mc.getDetails()}}</span>

</body>

</html>

OUTPUT:

Student name: roll no: email-id: grade:   
Details :ww ww ww ww

To display details , at the click of add button use ng-click

<!DOCTYPE html>

<html ng-app=*"MyApp"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

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

<script >

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

app.controller("MyController",**function**(){

**this**.name="";

**this**.roll="";

**this**.email="";

**this**.grade="";

**this**.showDetails=**false**;

**this**.getDetails=**function**(){

**return** **this**.name+" " +**this**.roll+" "+**this**.email+ " " +**this**.grade;

}

});

</script>

</head>

<body ng-controller=*"MyController as mc"*>

<form>

Student name:<input type=*"text"* ng-model=*"mc.name"*/>

roll no:<input type=*"text"* ng-model=*"mc.roll"*/>

email-id:<input type=*"text"* ng-model=*"mc.email"*/>

grade:<input type=*"text"* ng-model=*"mc.grade"*/> <br>

<input type=*"button"* value=*"add student"* ng-click=*"mc.showDetails=true"*>

<span ng-show=*"mc.showDetails"*> Details :{{mc.getDetails()}}</span>

</form>

</body>

</html>

OUTPUT:

Student name: roll no: email-id: grade:   
 Details :

Using ng-repeat :

<!DOCTYPE html>

<html ng-app=*"StudentApp"*>

<head >

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

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

<script>

angular.module("StudentApp",[]).controller("StudentController",**function**(){

**this**.students=studentList;

});

**var** studentList=[

{rollNo:1,name:"krithi",email:"a@b.com",grade:"a"},

{rollNo:2,name:"rithi",email:"b@b.com",grade:"b"},

{rollNo:3,name:"srithi",email:"c@b.com",grade:"c"},

{rollNo:4,name:"mrithi",email:"d@b.com",grade:"d"},

{rollNo:5,name:"brithi",email:"e@b.com",grade:"a"}

];

</script>

</head>

<body ng-controller=*"StudentController as sc"*>

<table>

<tr>

<th>roll no </th>

<th>name </th>

<th>email </th>

<th>grade </th>

</tr>

<tr ng-repeat=*"s in sc.students"*>

<td>{{s.rollNo}} </td>

<td>{{s.name}} </td>

<td>{{s.email}} </td>

<td>{{s.grade}} </td>

</tr>

</table>

</body>

</html>

Output:

|  |  |  |  |
| --- | --- | --- | --- |
| **roll no** | **name** | **email** | **grade** |
| 1 | krithi | a@b.com | a |
| 2 | rithi | b@b.com | b |
| 3 | srithi | c@b.com | c |
| 4 | mrithi | d@b.com | d |
| 5 | brithi | e@b.com | a |