ANGULARJS - FIRST APPLICATION

Before we start with creating actual HelloWorld application using AngularJS, let us see what are the actual parts of a AngularJS application. An AngularJS application consists of following three important parts —

- **ng-app** — This directive defines and links an AngularJS application to HTML.

- **ng-model** — This directive binds the values of AngularJS application data to HTML input controls.

- **ng-bind** — This directive binds the AngularJS Application data to HTML tags.

Steps to create AngularJS Application

Step 1 — Load framework

Being a pure JavaScript framework, It can be added using <Script> tag.

```
<script src = "http://ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js">
</script>
```

Step 2 — Define AngularJS Application using ng-app directive

```
<div ng-app = "">
   ...
</div>
```

Step 3 — Define a model name using ng-model directive

```
<p>Enter your Name: <input type = "text" ng-model = "name"></p>
```

Step 3 — Bind the value of above model defined using ng-bind directive.

```
<p>Hello <span ng-bind = "name"></span>!</p>
```

Steps to run AngularJS Application

Use above mentioned three steps in an HTML page.

testAngularJS.htm

```
<html>

   <head>
      <title>AngularJS First Application</title>
   </head>

   <body>
      <h1>Sample Application</h1>

      <div ng-app = "">
         <p>Enter your Name: <input type = "text" ng-model = "name"></p>
         <p>Hello <span ng-bind = "name"></span>!</p>
      </div>

      <script src =
"http://ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js"></script>
```
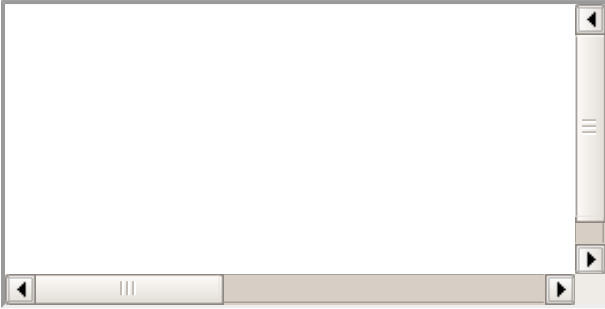
```
    </body>
</html>
```

Output

Open textAngularJS.htm in a web browser. Enter your name and see the result.

How AngularJS integrates with HTML

- ng-app directive indicates the start of AngularJS application.

- ng-model directive then creates a model variable named "name" which can be used with the html page and within the div having ng-app directive.

- ng-bind then uses the name model to be displayed in the html span tag whenever user input something in the text box.

- Closing</div> tag indicates the end of AngularJS application.