Topic Name: ng-init

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**NG-INIT:**

1.The ng-init directive is used to initialize AngularJS Application data.

2. It defines the initial value for an AngularJS application and assigns values to the variables.

3. It will allow evaluating an expression in a given scope.

4. In ng-init we can declare variables of any data type

5. syntax:

<div ng-app ng-init=”expression”></div>

6. In ng-init we have to write the expression in double quotes otherwise it will throw an error

7. In ng-init we have to separate the values of the variables using semicolon(;) not by comma(,) otherwise it will throws an array

8. In ng-init we have to enclose the string in single quotes

9. We shouldn’t try to manipulate the ng-init values using in-built functions also

10. When we manipulate the array values it will give unexpected output.

**Example:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

</head>

<body>

<div ng-app ng-init="greeting='Good Morning';isDigit=true;arr=[10,20,30,40,50];emp={empName:'sara',empId:101};">

<div>

<p>{{greeting}}</p>

<p>{{greeting.slice(6,10)}}</p>

<p>Is digit:{{isDigit}}</p>

<p>Array:{{arr}}</p>

<p>Emp Details:{{emp}}</p>

<p>Emp Id:{{emp.empId}}</p>

</div>

</div>

</body>

</html>