IT Workshop

[2ES111]

Computer Engineering & Information Technology

Semester- 2

U V Patel College of Engineering

Question 1:

Code:

```html
<html>
    <head>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angular.js></script>
    </head>
    <body >
        <div>
            plain text : {{10 + 20}}
        </div>
        <div ng-app="">
            Expression : {{10+20}}

        </div>
    </body>
</html>
```

Output:

plain text : {{10 + 20}}
Expression : 30

Question 2:

Code:

```html
<html >
    <head>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angu
lar.js></script>
    </head>
    <body>
        <h1> Sample Application</h1>
        <div ng-app="">
            <p> Enter your name: <input type="text" ng-model="name"></p>
            <p> Hello <h3 ng-bind="name"></h3>
            </p>
        </div>
    </body>
</html>
```

Output:

Sample Application

Enter your name: Krishnarajsinh Jadeja

Hello

Krishnarajsinh Jadeja

Question 3:

Code:

```html
<html>
    <head>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angular.js></script>
    </head>
    <body>
        <h1>Sample Application</h1>
        <div ng-app="">
            <table border="0">
                <tr>
                    <td><input type="checkbox" ng-model="enableDisableButton">Disable Button</td>
                    <td><button ng-disabled="enableDisableButton">Click Me!!</button></td>
                </tr>

                <tr>
                    <td><input type="checkbox" ng-model="showHide">Show Button</td>
                    <td><button ng-show="showHide">Click Me!!</button></td>

                    <td><input type="text" ng-show="showHide"></td>
                </tr>
                <tr>
                    <td>Total click: {{c}}</td>
                    <td><button ng-click="c=c + 1"> Click Me!</button></td>
                </tr>

            </table>

        </div>
    </body>
</html>
```

Output:

Sample Application

☐ Disable Button [Click Me!!]
☐ Show Button
Total click: [Click Me!]

Sample Application

☑ Disable Button [Click Me!!]
☑ Show Button   [Click Me!!] [Hi]
Total click: 7   [Click Me!]

Question 4:

Code:

```html
<html>
    <head>
        <title>AngularJS Expression</title>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angular.js></script>
    </head>
    <body>
        <form id="form1">
            <div ng-app="">
                <table>
                    <tr>
                        <td>First Name</td>
                        <td>
                            <input type="text" ng-model="FirstName"/>
                        </td>
                    </tr>
                    <tr>
                        <td>Last Name</td>
                        <td>
                            <input type="text" ng-model="LastName"/>
                        </td>
                    </tr>
                    <tr>
                        <td>Quantity</td>
                        <td>
                            <input type="text" ng-model="Quantity"/>
                        </td>
                    </tr>
                    <tr>
                        <td>Cost</td>
                        <td>
                            <input type="text" ng-model="Cost"/>
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <input type="button" value="Click Me" ng-click="message = FirstName + ' ' + LastName + ' has to pay' + Cost * Quantity"/>
                        </td>
                        <td>
                            {{message}}
                        </td>
```

```
                    </tr>

                </table>
            </div>
        </form>


    </body>
</html>
```

Output:

First Name Krishnarajsinh
Last Name   Jadeja
Quantity   100
Cost   99

Click Me

First Name Krishnarajsinh
Last Name   Jadeja
Quantity   100
Cost   99

Click Me   Krishnarajsinh Jadeja has to pay9900

Question 5:

Code:

```html
<html>
    <head>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angu
lar.js></script>
        <script src="AJ-5.js"></script>
    </head>
    <body ng-app="myModule">
        <div ng-controller="firstController">
            {{message}}
        </div>
    </body>
</html>
```

```javascript
var app = angular.module("myModule",[]);

app.controller("firstController",function($scope) {
    $scope.message = " Angular JS Turorial";
});
```

Output:

Angular JS Turorial

Question 6:

Code:

```html
<html>
    <head>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angular.js></script>
        <script src="AJ-6.js"></script>
    </head>
    <body ng-app="myModule">
        <div ng-controller="dataController">

            <table>

                    <th>First Name</th>
                    <th>Last Name</th>
                    <th>Gender</th>
                    <th>Salary</th>

                <tr ng-repeat="emp in employeeList">
                    <td> {{emp.firstName}}</td>
                    <td>{{emp.lastName}}</td>
                    <td>{{emp.gender}}</td>
                    <td>{{emp.salary}}</td>
                </tr>

            </table>
        </div>

    </body>
</html>
```

```javascript
var app = angular.module("myModule",[]);



app.controller("dataController",function($scope){
    var employees = [
        {firstName:"JACK",lastName:"SPARROW",gender:"Male",salary:2000000},
        {firstName:"ALICE",lastName:"JACK",gender:"Female",salary:34000},
        {firstName:"JONNY",lastName:"DRAW",gender:"Male",salary:23000},
        {firstName:"TIA",lastName:"Khanna",gender:"Female",salary:50000}
    ];
    $scope.employeeList = employees;
});
```

Output:

First Name	Last Name	Gender	Salary
JACK	SPARROW	Male	2000000
ALICE	JACK	Female	34000
JONNY	DRAW	Male	23000
TIA	Khanna	Female	50000

Question 7:

Code:

```html
<html>
    <head>
        <script src=https://ajax.googleapis.com/ajax/libs/angularjs/1.7.9/angular.js></script>
        <script src="AJ-6.js"></script>
    </head>
    <body ng-app="myModule">
        <div ng-controller="dataController">
            <input type="text" ng-model="search.firstName"/>
            <input type="text" ng-model="search.lastName"/>

            <table>

                    <th>First Name</th>
                    <th>Last Name</th>
                    <th>Gender</th>
                    <th>Salary</th>
                </tr>
                <tr ng-
repeat="emp in employeeList | filter: search| orderBy: '-salary'">
                    <td> {{emp.firstName | lowercase}}</td>
                    <td>{{emp.lastName | uppercase}}</td>
                    <td>{{emp.gender}}</td>
                    <td>{{emp.salary |  currency:"@"}}</td>
                </tr>

            </table>
        </div>

    </body>
</html>
```

Output:

First Name	Last Name	Gender	Salary
jack	SPARROW	Male	@2,000,000.00
tia	KHANNA	Female	@50,000.00
alice	JACK	Female	@34,000.00
jonny	DRAW	Male	@23,000.00

jack	

First Name	Last Name	Gender	Salary
jack	SPARROW	Male	@2,000,000.00

	jack

First Name	Last Name	Gender	Salary
alice	JACK	Female	@34,000.00