HAD PRACTICAL 2

A) Scope

1) Cars in array

Code:

```html
<!DOCTYPE html>
<html>
<script src="angular.min.js"></script>

<body>

<div ng-app="myApp" ng-controller="myCtrl">
<h5>Name : Devangi Parmar<br>
   Date : 12th July 2021<br>
   Roll No : 319<br>
   Practical : Cars in array
</h5>
<h1>{{carname}}</h1>
</div>
<script>
var app = angular.module('myApp', []);
app.controller('myCtrl', function($scope) {
   $scope.carname = "BMW";
});
</script>
</body>
</html>
```

Output :

Name : Devangi Parmar
Date : 12th July 2021
Roll No : 319
Practical : Cars in array

BMW

2) Colours in list

Code:

```html
<!DOCTYPE html>
<html >
<head>
    <title></title>
    <script src="angular.min.js"></script>
</head>
<h5>Name : Devangi Parmar<br>
    Date : 12th July 2021<br>
    Roll No : 319<br>
    Practical : Colours in list
</h5>

<body ng-app>
    <div>
        <p>Enter Your Favourite colours name with comma seprated.</p><textarea ng-model="colours" ng-list ng-trim="true"></textarea><br />
    </div>
    <h4>This is the list of your favourite colours.</h4>
    <ol>
        <li ng-repeat="colour in colours">{{colour}}</li>
    </ol>
</body>
</html>
```

Output:

Name : Devangi Parmar
Date : 12th July 2021
Roll No : 319
Practical : Colours in list

Enter Your Favourite colours name with comma seprated.

red,pink,blue,yellow

This is the list of your favourite colours.

1. red
2. pink
3. blue
4. yellow

B) Controllers

1) Root scope :

```html
<!DOCTYPE html>
<html>
<script src="angular.min.js"></script>
<body ng-app="myApp">
    <h5>Name : Devangi Parmar<br>
      Date : 12th July 2021<br>
      Roll No : 319<br>
      Practical : Root scope
    </h5>
<p>The rootScope's favorite color:</p>
<h1>{{color}}</h1>

<div ng-controller="myCtrl">

<p>The scope of the controller's favorite color:</p>
<h1>{{color}}</h1>

</div>

<p>The rootScope's favorite color is still:</p>
<h1>{{color}}</h1>

<script>
var app = angular.module('myApp', []);
app.run(function($rootScope) {
   $rootScope.color = 'blue';
});
app.controller('myCtrl', function($scope) {
   $scope.color = "red";
});
</script>

<p>Notice that controller's color variable does not overwrite the rootScope's color
value.</p>

</body>
</html>
```

Output :

Name : Devangi Parmar
Date : 12th July 2021
Roll No : 319
Practical : Root scope

The rootScope's favorite color:

blue

The scope of the controller's favorite color:

red

The rootScope's favorite color is still:

blue

Notice that controller's color variable does not overwrite the rootScope's color value.

3) Scope Colours

Code:

```html
<!doctype html>
<html>
<body ng-app="myApp">
   <h5>Name : Devangi Parmar<br>
      Date : 12th July 2021<br>
      Roll No : 319<br>
      Practical : scope Colours
   </h5>
<div ng-controller="Ctrl1" style="border:2px solid blue; padding:5px">
Hello !
<br />
Hello !
(rootScope)
</div>
<br />
<div ng-controller="Ctrl2" style="border:2px solid red; padding:5px">
Hello !
<br />
Hey !
<br />
Hi ! (rootScope)
```

```
</div>
<script src="angular.min.js"></script>
<script>
 var app = angular.module('myApp', []);

 app.controller('Ctrl1', function ($scope, $rootScope) {
 $scope.msg = 'World';
 $rootScope.name = 'AngularJS';
 });

 app.controller('Ctrl2', function ($scope, $rootScope) {
 $scope.msg = 'Dot Net Tricks';
 $scope.myName = $rootScope.name;
 });
</script>
</body>
</html>
```

Output :

Name : Devangi Parmar
Date : 12th July 2021
Roll No : 319
Practical : scope colours

Hello !
Hello ! (rootScope)

Hello !
Hey !
Hi ! (rootScope)

c) filters Birthday Party

code:

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Birthday Invitation Card</title>
    <script src="angular.min.js"></script>

  <style>
    .container {
  position: relative;
  text-align: top;
  color: blue;
 }

.center{
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  font-family: cursive;
  font-size: x-large;
 }
  </style>
  </head>
  <body ng-app="sampleApplication">
    <div class="container">
      <img src="birthdayimage.png" style="width: 1500px; height: 700px;">
      <div class="center">
        <div ng-controller="sampleController" >
        <p style="font-size: large;">      You Are Invited To</p>
        <h3>{{name | uppercase}} 20th</h3>
        <h3>  Birthday Party</h3>
        </div>
```

```html
        <div ng-controller="date">
        {{todayDate | date:'longDate'}} - 5:00 pm <br /><br>
        venue : Veg Treat II Restaurant,<br>
                    vazira naka,<br>
                    Borivali west.<br><br>
        Contact No : 9990000088

        </div>

        <script>
         var app = angular.module("sampleApplication", []);
         app.controller("sampleController", function($scope) {
           $scope.name = "sanjana's";
         });
         app.controller('date', function ($scope) {
    $scope.todayDate = new Date();
  });

        </script>

      </div>

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

Output:

You Are Invited To

SANJANA'S 20th

Birthday Party

July 12, 2021 - 5:00 pm

venue : Veg Treat II Restaurant,
        vazira naka,
        Borivali west.

Contact No : 9990000088