

1. Develop Angular JS program that allows user to input their first name and last name and display their full name. **Note:** The default values for first name and last name may be included in the program.

Program Code:

```
<!DOCTYPE html>
<html>
<title>
Angular JS Full Name Program
</title>
<head>

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

<script>
var app=angular.module("myApp",[]);
app.controller("myCntrl",function($scope)
{
$scope.firstName="Harish"
$scope.lastName="Kumar"
});
</script>
</head>

<body ng-app="myApp">
<h2>Angular JS Application to Display Full Name</h2>
<div ng-controller="myCntrl">
Enter First Name: <input type="text" ng-model="firstName"> <br/>
Enter Last Name: <input type="text" ng-model="lastName"> <br/>
Your Full Name: {{ firstName + " " + lastName }}
</div>

</body>
</html>
```

2. Develop an Angular JS application that displays a list of shopping items. Allow users to add and remove items from the list using directives and controllers. Note: The default values of items may be included in the program.

Program Code:

```
<!DOCTYPE html>
<html>
<title>
Shopping Items Application
</title>
<head>

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

<script>
var app=angular.module("myApp",[]);
app.controller("myCntrl",function($scope)
{
$scope.shoppingItems=['Apple','Mango','Banana','Grapes']
$scope.addItem=function()
{
if($scope.newItem && $scope.shoppingItems.indexOf($scope.newItem)==-1)
{
$scope.shoppingItems.push($scope.newItem)
$scope.newItem=""
}
else
{
if($scope.newItem)
alert("This item is already there in the shopping list")
else
alert("Please enter an item to add")
}
}

$scope.removeItem=function()
{
```

```

    if($scope.shoppingItems.indexOf($scope.selectItem)==-1)
    {
    alert("Please select an item to remove")
    }
    else
    {
    var index=$scope.shoppingItems.indexOf($scope.selectItem)
    $scope.shoppingItems.splice(index,1)
    $scope.selectItem=""
    }
    }
    });
</script>
</head>

```

```

<body ng-app="myApp">
<div ng-controller="myCntrl">
<h2>Shopping Application</h2>
<h4>List of Shopping Items</h4>
<table border="1">
<tr>
<th>SLNO</th>
<th>Item</th>
</tr>
<tr ng-repeat="items in shoppingItems">
<td>{{ $index+1 }}</td>
<td>{{ items }}</td>
</tr>
</table>
<br/>

```

```

<div>
Enter an Item to Add: <input type="text" ng-model="newItem">
<button ng-click="addItem()">Add Item</button>
</div>

```

```

<div>
Select an Item to Remove:
<select ng-model="selectItem" ng-options="item for item in shoppingItems"></select>

```

```
<button ng-click="removeItem()">Remove Item</button>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```