# LAB PROGRAM 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.

<!DOCTYPE html>

<html>

    <head>

        <title>LAB2 PROGRAM </title>

<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=['Eggs','Bread','Milk','Curd']

            $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 their 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">

        <h2>Shopping Application</h2>

        <h4>List of Shopping Items</h4>

        <div ng-controller="myCntrl">

            <ul>

                <li ng-repeat="item in shoppingitems">{{item}}</li>

            </ul>

            Enter a Item to Add:<input type="text" ng-model="newitem">

            <button ng-click="additem()">Add Item</button> <br/><br />

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>

    </body>

    </html>