**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**

<!DOCTYPE html>

<html lang="en" ng-app="shoppingApp">

<head>

<meta charset="UTF-8">

<title>Shopping List App</title>

<script src="angular.min.js"></script>

</head>

<body>

<div ng-controller="ShoppingController as shoppingCtrl">

<h2>Shopping List</h2>

<form ng-submit="shoppingCtrl.addItem()">

<input type="text" ng-model="shoppingCtrl.newItem" placeholder="Add new item" required>

<button type="submit">Add Item</button>

</form>

<ul>

<li ng-repeat="item in shoppingCtrl.items">

{{ item }}

<button ng-click="shoppingCtrl.removeItem($index)">Remove</button>

</li>

</ul>

</div>

<script>

angular.module('shoppingApp', [])

.controller('ShoppingController', function () {

var vm = this;

vm.items = ['Biscuit', 'Oil', 'Soap'];

vm.addItem = function () {

if (vm.newItem && vm.items.indexOf(vm.newItem) === -1) {

vm.items.push(vm.newItem);

vm.newItem = '';

}

};

vm.removeItem = function (index) {

vm.items.splice(index, 1);

};

});

</script>

</body>

</html>