Binayak Bishnu

20BIT0155

LAB CAT

Develop a web application using **AngularJS** to display a list of possible flight prices and carriers using JSON data.

    i.   The page contains two text boxes where the user can specify the start location and end location, a checkbox that they can check if they want to only see non-stop flights (flights with 0 stops) and a "Go!" button.

    ii.   When the "Go!" button is clicked, clear previous results, and read the JSON data.

a.   Add an h1 to the results div containing the text "Flights from" and then the start and destination locations.

b.   Turn each flight's data into a paragraph in the results div.

c.   In each paragraph, write the price of the ticket (with a "$") followed by the word "from", the carrier's name, and then the word "with", the number of stops, and the word "stops". If the flight has a price below 1000 display its row in bold.

    iii.   The JSON data returned has a list of flights associated with it. The list of flights contains lists that each contain a price, a carrier, and the number of stops.

```
<!DOCTYPE html>

<html lang="en">

  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.0/angular.min.js"></script>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>20BIT0155</title>
```

```html
</head>
<body>
    <div ng-app="myApp" ng-controller="jsCtrl">
        <label>Start location: <input type="text" id="start" ng-model="start"/></label>
        <label>End location: <input type="text" id="dest" ng-model="end"/></label>
        <label>Non-stop? <input type="checkbox" id="stops"></label>
        <button id="go" ng-click="fetch()">Go!</button>


        <div id="results" ng-hide="myvar">
        <h1>Flights from: {{start}} {{end}}</h1>
        <p id='data'>


        </p>
    </div>
</div>


    <script>
    var app = angular.module('myApp', []);
    app.controller('jsCtrl', function ($scope) {
        $scope.myvar = true;
        $scope.fdata={
    "Edinburgh":{
    "start":"Seattle",
    "flights":[{"carrier":"Delta","price":812,"stops":2},
    {"carrier":"Air France","price":1020,"stops":0},
    {"carrier":"Air France","price":1190,"stops":3}]
    },
```

```
"New York":{

"start":"Seattle",

"flights":[{"carrier":"British Airlines","price":782,"stops":1},

{"carrier":"Delta","price":1562,"stops":2},

{"carrier":"United","price":957,"stops":1},

{"carrier":"KLM","price":687,"stops":3},

{"carrier":"KLM","price":1458,"stops":1}]

}

}


$scope.fetch= function () {

 $scope.myvar = false;

    var en= $scope.fdata[$scope.end];

    if($scope.start==en.start){

       var d="";

       for(var i=0;i<en.flights.length;i++)

       {

       d=d+"Price:$"+en.flights[i].price+"<br>"+"from"+en.flights[i].carrier

       +"<br>"+"with "+en.flights[i].stops+" stop";

       }

       document.getElementById("data").innerHTML=d;

    }




    }

});
```

</script>

</body>

</html>

127.0.0.1:5500/Web_Tech_A2;L17,18/WebTech_L17_18/Assessment-4%20labcat/index.html
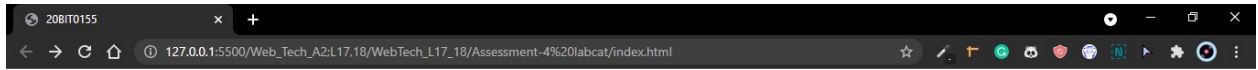
Start location: seattle   End location: ediburg   Non-stop? ☐ Go!

Flights from: seattle ediburg