ADVANCED WEB APPLICATION DEVELOPMENT
WEEK 13 ASSIGNMENT

1. Develop SPA using Angular JS filters.

```html
<body ng-app="F1FeederApp" ng-controller="driversController">
  <table>
    <thead>
      <tr><th colspan="4">Drivers Championship Standings</th></tr>
    </thead>
    <tbody>
      <tr ng-repeat="driver in driversList">
        <td>{{$index + 1}}</td>
        <td>
          <img src="img/flags/{{driver.Driver.nationality}}.png" />
          {{driver.Driver.givenName}} {{driver.Driver.familyName}}
        </td>
        <td>{{driver.Constructors[0].name}}</td>
        <td>{{driver.points}}</td>
      </tr>
    </tbody>
  </table>
</body>
```

2. Discuss HTML DOM with suitable example.

Document Object Model

The document object represents the whole html document.

When html document is loaded in the browser, it becomes a document object. It is the root element that represents the html document. It has properties and methods. By the help of document object, we can add dynamic content to our web page.

Methods of document object

We can access and change the contents of document by its methods.

Method	Description
write("string")	writes the given string on the doucment.

writeln("string")	writes the given string on the doucment with newline character at the end.
getElementById()	returns the element having the given id value.
getElementsByName()	returns all the elements having the given name value.
getElementsByTagName()	returns all the elements having the given tag name.
getElementsByClassName()	returns all the elements having the given class name.

Example :

```
<script type="text/javascript">
function printvalue(){
var name=document.form1.name.value;
alert("Welcome: "+name);
}
</script>


<form name="form1">
Enter Name:<input type="text" name="name"/>
<input type="button" onclick="printvalue()" value="print name"/>
</form>
```