NAME : DEVADATHAN N R
ROLL NO : 04
SECTION : CSE A1
REG NO : 230905010

Question 4:
Create the following output in HTML

Country	Population (in Crores)	
INDIA	1998	85
	1999	90
	2000	100
USA	1998	30
	1999	35
	2000	40
UK	1998	25
	1999	30
	2000	35

```
<!DOCTYPE html>
<html>
<head>
 <title>Population Table</title>
</head>
<body>

<table border="1" cellpadding="10" cellspacing="0" align="center">

 <tr bgcolor="red">
 <th>Country</th>
 <th colspan="2">Population (in Crores)</th>
 </tr>

 <tr>
 <td rowspan="3" bgcolor="#fff2a8" align="center"><b>INDIA</b></td>
 <td bgcolor="#a9c4eb" align="center">1998</td>
 <td bgcolor="#b7d9a8" align="center">85</td>
 </tr>

 <tr>
 <td bgcolor="#a9c4eb" align="center">1999</td>
 <td bgcolor="#b7d9a8" align="center">90</td>
 </tr>

 <tr>
 <td bgcolor="#a9c4eb" align="center">2000</td>
 <td bgcolor="#b7d9a8" align="center">100</td>
 </tr>

 <tr>
 <td rowspan="3" bgcolor="#fff2a8" align="center"><b>USA</b></td>
 <td bgcolor="#a9c4eb" align="center">1998</td>
 <td bgcolor="#b7d9a8" align="center">30</td>
 </tr>

 <tr>
 <td bgcolor="#a9c4eb" align="center">1999</td>
 <td bgcolor="#b7d9a8" align="center">35</td>
 </tr>

 <tr>
 <td bgcolor="#a9c4eb" align="center">2000</td>
 <td bgcolor="#b7d9a8" align="center">40</td>
 </tr>
```

```
<tr>
 <td rowspan="3" bgcolor="#fff2a8" align="center"><b>UK</b></td>
 <td bgcolor="#a9c4eb" align="center">1998</td>
 <td bgcolor="#b7d9a8" align="center">25</td>
 </tr>

 <tr>
 <td bgcolor="#a9c4eb" align="center">1999</td>
 <td bgcolor="#b7d9a8" align="center">30</td>
 </tr>

 <tr>
 <td bgcolor="#a9c4eb" align="center">2000</td>
 <td bgcolor="#b7d9a8" align="center">35</td>
 </tr>

</table>

</body>
</html>
```

Question 5:
Same question as abv with JS Objects and Code

```
<!DOCTYPE html>
<html>
<head>
 <title>Population Table (Exact Match)</title>
</head>
<body>

<table border="1" cellpadding="10" cellspacing="0" align="center"
id="popTable">
 <tr bgcolor="red">
 <th>Country</th>
 <th colspan="2">Population (in Crores)</th>
 </tr>
</table>
```

```
<script>
 var data = [
 {
 country: "INDIA",
 records: [
 { year: 1998, population: 85 },
 { year: 1999, population: 90 },
 { year: 2000, population: 100 }
 ]
 },
 {
 country: "USA",
 records: [
 { year: 1998, population: 30 },
 { year: 1999, population: 35 },
 { year: 2000, population: 40 }
 ]
 },
 {
 country: "UK",
 records: [
 { year: 1998, population: 25 },
 { year: 1999, population: 30 },
 { year: 2000, population: 35 }
 ]
 }
 ];

 var table = document.getElementById("popTable");

 for (var i = 0; i < data.length; i++) {
 var countryData = data[i];

 for (var j = 0; j < countryData.records.length; j++) {
 var row = table.insertRow();

 if (j === 0) {
 var countryCell = row.insertCell();
 countryCell.innerHTML = "<b>" + countryData.country + "</b>";
 countryCell.rowSpan = countryData.records.length;
 countryCell.bgColor = "#fff2a8";
 countryCell.align = "center";
 }
```

```
var yearCell = row.insertCell();
 yearCell.innerHTML = countryData.records[j].year;
 yearCell.bgColor = "#a9c4eb";
 yearCell.align = "center";

 var popCell = row.insertCell();
 popCell.innerHTML = countryData.records[j].population;
 popCell.bgColor = "#b7d9a8";
 popCell.align = "center";
 }
 }
</script>

</body>
</html>
```

Country	Population (in Crores)	
INDIA	1998	85
	1999	90
	2000	100
USA	1998	30
	1999	35
	2000	40
UK	1998	25
	1999	30
	2000	35