

PRACTICAL 14

AIM: Create CD Catalogue Table in XML and display it using XSL Style Sheet.

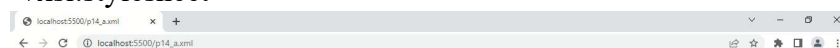
Code:File: p14_a.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="p14_b.xsl"?>
<catalog>
<cd>
<Player>Ronaldo </Player>
<Sports>Football </Sports>
<Bidding>$25M</Bidding>
<Country>Portugal</Country>
<Team>Manchester United</Team>
</cd><cd>
<Player>Lionel Messi </Player>
<Sports>Football </Sports>
<Bidding>$40M</Bidding>
<Country>Argentina </Country>
<Team>PSG</Team>
</cd><cd>
<Player>Virat Kohli</Player>
<Sports>Cricket</Sports>
<Bidding>$50M</Bidding>
<Country>India</Country>
<Team>RCB</Team>
</cd><cd>
<Player>MS Dhoni</Player>
<Sports>Cricket </Sports>
<Bidding>$50M</Bidding>
<Country>India</Country>
<Team>CSK</Team>
</cd><cd>
<Player>Toni Cross</Player>
<Sports>Football</Sports>
<Bidding>$30M</Bidding>
<Country>Germany</Country>
<Team>Real Madrid</Team>
</cd><cd>
<Player>Hardik Pandya</Player>
<Sports>Cricket </Sports>
<Bidding>$60M</Bidding>
```

```
<Country>India</Country>
<Team>Gujarat Titans</Team>
</cd></catalog>
```

Code: File: p14_b.xsl

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
<h1 align="center"> Details with Salaries of Player</h1>
<table border="3" align="center" >
<tr>
<th>Player</th>
<th>Sports</th>
<th>Bidding</th>
<th>Country</th>
<th>Team</th>
</tr>
<xsl:for-each select="catalog/cd">
<tr>
<td><xsl:value-of select="Player"/></td>
<td><xsl:value-of select="Sports"/></td>
<td><xsl:value-of select="Bidding"/></td>
<td><xsl:value-of select="Country"/></td>
<td><xsl:value-of select="Team"/></td>
</tr>
</xsl:for-each>
</table> </body>
</html>
</xsl:template>
</xsl:stylesheet>
```



Details with Salaries of Player

Player	Sports	Bidding	Country	Team
Ronaldo	Football	\$25M	Portugal	Manchester United
Lionel Messi	Football	\$40M	Argentina	PSG
Virat Kohli	Cricket	\$50M	India	RCB
MS Dhoni	Cricket	\$50M	India	CSK
Toni Cross	Football	\$30M	Germany	Real Madrid
Hardik Pandya	Cricket	\$60M	India	Gujarat Titans



PRACTICAL 15

AIM: 15 Creating the JavaScript file to handle our json.

Code A: Sender

```
<html>
  <head><style>
    *{
      font-family: arial;
      text-align: center;
    }
  </style></head>
  <body>
    <h2>Create JSON string from a JavaScript object.</h2>
    <h2> When sending data to a web server, the data has to be a string</h2>
    <p id="demo"></p>
    <script>
      var obj = {Name: "Hemil Chovatita", Dept: "IT" , Enrollment: "200303108003",Age:
21, Sem:"5th",Hobbies:"Playing Games",City: "Surat"};
      var myJSON = JSON.stringify(obj);
      document.getElementById("demo").innerHTML = myJSON;
    </script>
  </body>
</html>
```

Output:



Code B:Receiver

```
<html>
  <head><style>
    *{
      font-family: arial;
      text-align: center;
    }
  </style></head>
  <body>
    <h2>Create Object from JSON String</h2>
    <h2>When receiving data from a web server, the data is always a string</h2>
    <p id="demo"></p>
    <script>
      var txt = '{"Name": "Hemil Chovatita", "Dept": "IT" , "Enrollment":
"200303108003","Age": 21, "City": "Surat"}'
      var obj = JSON.parse(txt);
      document.getElementById("demo").innerHTML = obj.Name + ", " + obj.Dept+ ", " +
obj.Enrollment+ ", " + obj.City+ ", " + obj.Age;
    </script>
  </body>
</html>
```

Output: