

Name:-Denvin Davis**Roll No:-**07**Batch:-** A

Experiment No:- 07

Title:

Develop XML web page using DTD, XSL for Indian Premier League (IPL) data. Data should have team names, rank, captain, owner and state information.
Display the data using XSL.

Objective:

To provide students an overview of the concepts of XML, DTD and XSLT.

Outcome:

Ability to design page using XML DTD concept.

Code:-**IPL.dtd**

```
<!ELEMENT IPL (TEAM-NAME,TITLE,RANK,CAPTAIN,OWNER,STATE)>
<!ELEMENT TEAM-NAME (#PCDATA)>
<!ELEMENT TITLE (#PCDATA)>
<!ELEMENT RANK (#PCDATA)>
<!ELEMENT CAPTAIN (#PCDATA)>
<!ELEMENT OWNER (#PCDATA)>
<!ELEMENT STATE (#PCDATA)>
```

ipl.xml

```
<?xml-stylesheet type="text/xsl" href="ipl.xsl" version="1.0" encoding="UTF-8"?>
<!DOCTYPE IPL SYSTEM "IPL.dtd">
<IPL>

  <TEAM-NAME>
    <TITLE>MUMBAI INDIANS</TITLE>
    <RANK>1</RANK>
    <CAPTAIN>ROHIT SHARMA</CAPTAIN>
    <OWNER>RELIANCE</OWNER>
    <STATE>MAHARASHTRA</STATE>
```

```
</TEAM-NAME>

<TEAM-NAME>
  <TITLE>DELHI CAPITALS</TITLE>
  <RANK>2</RANK>
  <CAPTAIN>SHREYAS IYER</CAPTAIN>
  <OWNER>JSW GROUPS</OWNER>
  <STATE>DELHI</STATE>
</TEAM-NAME>

<TEAM-NAME>
  <TITLE>SUNRISES HYDERABAD</TITLE>
  <RANK>3</RANK>
  <CAPTAIN>DAVID WARNER</CAPTAIN>
  <OWNER>SUN TV NETWORK</OWNER>
  <STATE>TELANGANA</STATE>
</TEAM-NAME>

<TEAM-NAME>
  <TITLE>ROYAL CHALLENGERS BANGALORE</TITLE>
  <RANK>4</RANK>
  <CAPTAIN>VIRAT KOHLI</CAPTAIN>
  <OWNER>UNITED SPIRITS LIMITED</OWNER>
  <STATE>KARNATAKA</STATE>
</TEAM-NAME>

<TEAM-NAME>
  <TITLE>KOLKATA KNIGHT RIDERS</TITLE>
  <RANK>5</RANK>
  <CAPTAIN>EOIN MORGAN</CAPTAIN>
  <OWNER>RED CHILLIES ENTERTAINMENT</OWNER>
  <STATE>WEST BENGAL</STATE>
</TEAM-NAME>

<TEAM-NAME>
  <TITLE>KINGS XI PUNJAB</TITLE>
  <RANK>6</RANK>
  <CAPTAIN>KL RAHUL</CAPTAIN>
  <OWNER>PREITY ZINTA</OWNER>
  <STATE>PUNJAB</STATE>
</TEAM-NAME>

<TEAM-NAME>
  <TITLE>CHENNAI SUPER KINGS</TITLE>
  <RANK>7</RANK>
```

```

    <CAPTAIN>MAHENDRA SINGH DHONI</CAPTAIN>
    <OWNER>INDIA CEMENT</OWNER>
    <STATE>TAMIL NADU</STATE>
  </TEAM-NAME>

  <TEAM-NAME>
    <TITLE>RAJASTHAN ROYALS</TITLE>
    <RANK>8</RANK>
    <CAPTAIN>STEVE SMITH</CAPTAIN>
    <OWNER>MANOJ BADALE</OWNER>
    <STATE>RAJASTHAN</STATE>
  </TEAM-NAME>
</IPL>

```

ipl.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 background="ipl.jpg" height="100" width="500">
        <h1>IPL</h1>
        <table border="1">
          <tr bgcolor="#green">
            <th style="text-align:left">Team-name</th>
            <th style="text-align:left">Rank</th>
            <th style="text-align:left">Captain</th>
            <th style="text-align:left">Owner</th>
            <th style="text-align:left">State</th>
          </tr>
          <xsl:for-each select="IPL/TEAM-NAME">
            <tr>
              <td>
                <xsl:value-of select="TITLE"/>
              </td>
              <td>
                <xsl:value-of select="RANK"/>
              </td>
              <td>
                <xsl:value-of select="CAPTAIN"/>
              </td>
              <td>
                <xsl:value-of select="OWNER"/>

```

```

        </td>
        <td>
            <xsl:value-of select="STATE"/>
        </td>

    </tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

Output Screenshot:-



IPL

Team-name	Rank	Captain	Owner	State
MUMBAI INDIANS	1	ROHIT SHARMA	RELIANCE	MAHARASHTRA
DELHI CAPITALS	2	SHREYAS IYER	JSW GROUPS	DELHI
SUNRISES HYDERABAD	3	DAVID WARNER	SUN TV NETWORK	TELANGANA
ROYAL CHALLENGERS BANGALORE	4	VIRAT KOHLI	UNITED SPIRITS LIMITED	KARNATAKA
KOLKATA KNIGHT RIDERS	5	EJN MORGAN	RED CHILLIES ENTERTAINMENT	WEST BENGAL
KINGS XI PUNJAB	6	KL RAHUL	PREITY ZINTA	PUNJAB
CHENNAI SUPER KINGS	7	MAHENDRA SINGH DHONI	INDIA CEMENT	TAMIL NADU
RAJASTHAN ROYALS	8	STEVE SMITH	MANOJ BADALE	RAJASTHAN



Conclusion:- In this experiment, we have created a webpage using XML, DTD and XSL, displaying the data of the Indian Premier League(IPL).

References:-

<https://www.w3schools.com/php/default.asp>

<https://www.tutorialspoint.com/php/index.htm>