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)>
```

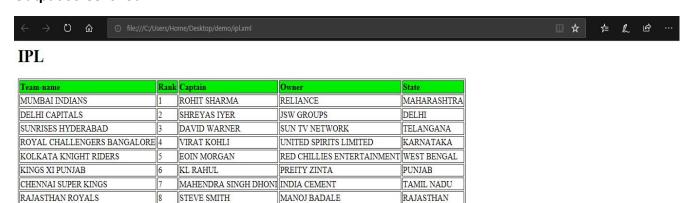
ipl.xml

```
</TEAM-NAME>
<TEAM-NAME>
   <TITLE>DELHI CAPITALS</TITLE>
   <RANK>2</RANK>
   <CAPTAIN>SHREYAS IYER</CAPTAIN>
   <OWNER>JSW GROUPS
   <STATE>DELHI</STATE>
</TEAM-NAME>
<TEAM-NAME>
   <TITLE>SUNRISES HYDERABAD</TITLE>
   <RANK>3</RANK>
   <CAPTAIN>DAVID WARNER</CAPTAIN>
    <OWNER>SUN TV NETWORK
   <STATE>TELANGANA</STATE>
</TEAM-NAME>
<TEAM-NAME>
   <TITLE>ROYAL CHALLENGERS BANGALORE</TITLE>
   <RANK>4</RANK>
   <CAPTAIN>VIRAT KOHLI</CAPTAIN>
   <OWNER>UNITED SPIRITS LIMITED
   <STATE>KARNATAKA</STATE>
</TEAM-NAME>
<TEAM-NAME>
   <TITLE>KOLKATA KNIGHT RIDERS</TITLE>
   <RANK>5</RANK>
   <CAPTAIN>EOIN MORGAN</CAPTAIN>
   <OWNER>RED CHILLIES ENTERTAINMENT
    <STATE>WEST BENGAL</STATE>
</TEAM-NAME>
<TEAM-NAME>
   <TITLE>KINGS XI PUNJAB</TITLE>
   <RANK>6</RANK>
   <CAPTAIN>KL RAHUL</CAPTAIN>
   <OWNER>PREITY ZINTA
   <STATE>PUNJAB</STATE>
</TEAM-NAME>
<TEAM-NAME>
   <TITLE>CHENNAI SUPER KINGS</TITLE>
   <RANK>7</RANK>
```

ipl.xsl

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0"</pre>
 xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
 <xsl:template match="/">
  <html>
   <body background="ipl.jpg" height="100" width="500">
     <h1>IPL</h1>
     Team-name
       Rank
       Captain
       Owner
       State
      <xsl:for-each select="IPL/TEAM-NAME">
       <xsl:value-of select="TITLE"/>
         <xsl:value-of select="RANK"/>
         <xsl:value-of select="CAPTAIN"/>
         <xsl:value-of select="OWNER"/>
```

Output Screenshot:-





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