

Practical No: 12

AIM: *Design A DTD, Corresponding XML Document And Display It In Browser Using CSS.*

SOURCE CODE:

XML:

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-model href="pract12.dtd" type="application/xml-dtd"?>
<?xml-stylesheet href="pract12.css" type="text/css"?>
<sports>
  <sport>
    <name> Cricket </name>
    <noOfPlayers> 11 </noOfPlayers>
    <type> Outdoor </type>
  </sport>

  <sport>
    <name> Chess </name>
    <noOfPlayers> 2 </noOfPlayers>
    <type> Indoor </type>
  </sport>

  <sport>
    <name> Kabaddi </name>
    <noOfPlayers> 7 </noOfPlayers>
    <type> Outdoor </type>
  </sport>

  <sport>
    <name> Tic Tac Toe </name>
    <noOfPlayers> 2 </noOfPlayers>
    <type> Indoor </type>
  </sport>
</sports>
```

DTD:

```
<!-- Put your DTDDoc comment here. -->
<!ELEMENT sports (sport)>
```

```
<!-- Put your DTDDoc comment here. -->
<!ELEMENT sport (name|noOfPlayers|type)>
```

```
<!-- Put your DTDDoc comment here. -->
<!ELEMENT name (#PCDATA)>
```

```
<!-- Put your DTDDoc comment here. -->
<!ELEMENT noOfPlayers (#PCDATA)>
```

```
<!-- Put your DTDDoc comment here. -->
<!ELEMENT type (#PCDATA)>
```

CSS:

```
sports {
background-color:white;
}
```

```
name {
font-size: 35px; font-
weight: bold; color:black;
width: 10%;
background-color:darkgray; border-
radius: 20px 50px;
}
```

```
noOfPlayers, type {
font-size: 22px;
color: rgb(45, 7, 180);
}
```

```
name, noOfPlayers, type {
display:block;
margin: 10px 15px;
padding: 5px 0 5px 15px;
}
```

```
/*The ::before selector inserts something before the content of each selected
element(s).*/
```

```
noOfPlayers::before {
content: "No of Players : ";
color:green;
}
```

```
type::before {  
content: "Type : ";  
color: green;  
}
```

OUTPUT:

Cricket

No of Players : 11

Type : Outdoor

Chess

No of Players : 2

Type : Indoor

Kabaddi

No of Players : 7

Type : Outdoor

Tic Tac Toe

No of Players : 2

Type : Indoor