Practical No: 13

AIM: *Design An XML Document And Display It In Browser Using XSL.*

SOURCE CODE:
XML:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="A13.xsl"?>
<class>
  <student>
    <name>Kunal</name>
    <age>20</age>
    <marks>700</marks>
  </student>

  <student>
    <name>Diya</name>
    <age>19</age>
    <marks>650</marks>
  </student>

  <student>
    <name>Meera</name>
    <age>19</age>
    <marks>678</marks>
  </student>

  <student>
    <name>Naman</name>
    <age>19</age>
    <marks>578</marks>
  </student>

  <student>
    <name>Slisha</name>
    <age>18</age>
    <marks>578</marks>
  </student>
</class>
```

XSL:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"version="1.0">
   <xsl:output method="html"/>
   <xsl:template match="/class">
      <html>
         <head>
            <title>A133_style.xsl</title>

      <style type="text/css">

         table, th, td{
         border: 2px solid black;
         border-collapse: collapse;
         }

         caption
         {
         font-size: 35px; font-weight:
         bolder;word-spacing: 6px;
         margin: 30px 0 10px;
         }

         td {
         text-align: center;
         font-size: 20px;
         background-color: #bb9bb4;
         }

         th{
         background-color: white;
         }

         th, td {
         padding: 18px;
         }
      </style>
         </head>

         <body bgcolor="#9BA4BB">
            <table border="1">
```

```xml
        <caption>STUDENTS INFORMATION</caption>

        <tr>
            <th>Name</th>
            <th>Age</th>
            <th>Marks</th>
        </tr>
    <xsl:for-each select="student">

    <tr>
        <td> <xsl:value-of select= "name" /> </td>
        <td> <xsl:value-of select= "age" /> </td>
        <td> <xsl:value-of select= "marks" /> </td>
    </tr>
    </xsl:for-each>

        </table>
        </body>
    </html>
  </xsl:template>
</xsl:stylesheet>
```

OUTPUT:

STUDENTS INFORMATION		
Name	**Age**	**Marks**
Kunal	20	700
Diya	19	650
Meera	19	678
Naman	19	578
Slisha	18	578