

Assignment .3

Design the XML document to store the information of the employees of any business organization and demonstrate the use of: a) DTD b) XML Schema And display the content in (e.g., tabular format) by using CSS/XSL

CODE:

Directory structure:

tb.xml

```
<?xml
version="1.0"
encoding="UTF-
8"?>

<?xml-stylesheet type="text/xsl" href="Rule.xsl" ?>
<!-- <?xml-stylesheet type="text/css" href="style.css"?> -->
<emp>
  <e>
    <id>101</id>
    <name>Yashraj Wani</name>
    <role>HR</role>
    <salary>1000000</salary>
  </e>
  <e>
    <id>202</id>
    <name>Ashish Dongare</name>
    <role>Developer</role>
    <salary>500000</salary>
  </e>
  <e>
    <id>303</id>
    <name>Atharva Mohite</name>
    <role>Tester</role>
    <salary>700000</salary>
  </e>
</emp>
```

style.css

```
emp
{
    font-size: 80%;
    margin: 0.5em;
    font-family: Verdana;
    display: block;
}

e {
    display: block;
    border: 1px solid silver;
    margin: 0.5em;
    padding: 0.5em;
    background-color: whitesmoke;
}

id,name,role,salary {
    display: block;
    text-align: center;
}
```

Rule.xsl

```
<?xml
version="1.0"?>

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:template match="/">
    <html>
        <body>

            <h1 align ="center">Employee Details</h1>
            <table border="2" align="center" bgcolor="#D5D6EE">

                <tr>
```

```

        <th>id</th>
        <th>name</th>
        <th>role</th>
        <th>salary</th>
    </tr>
    <xsl:for-each select="emp/e">
        <tr>
            <td><xsl:value-of select="id"/></td>
            <td><xsl:value-of select="name"/></td>
            <td><xsl:value-of select="role"/></td>
            <td><xsl:value-of select="salary"/></td>
        </tr>
    </xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

OUTPUT:

Employee Details

id	name	role	salary
101	Yashraj Wani	HR	1000000
202	Ashish Dongare	Developer	500000
303	Atharva Mohite	Tester	700000