**Name: Logesh N**

**Reg.NO: 2147120**

**----------------------------------------------------------------------------------------------------------------**

**Xml file**

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

**<?xml-stylesheet type="text/xsl" href="employee.xsl" href="employee.css"?>**

**<Company xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"**

**xsi:noNamespaceSchemaLocation="employee.xsd">**

**<Employee id="TCS1010">**

**<Emp-name>Harish S</Emp-name>**

**<Emp-age>32</Emp-age>**

**<Emp-salary>70000</Emp-salary>**

**<Emp-emailid>harish12@gmail.com</Emp-emailid>**

**<Emp-Phonenum>9629308241</Emp-Phonenum>**

**<Emp-designation>Software Engineer</Emp-designation>**

**</Employee>**

**<Employee id="TCS1011">**

**<Emp-name>Harish Sivakumar S</Emp-name>**

**<Emp-age>27</Emp-age>**

**<Emp-salary>80000</Emp-salary>**

**<Emp-emailid>harishsiva12@gmail.com</Emp-emailid>**

**<Emp-Phonenum>9629308231</Emp-Phonenum>**

**<Emp-designation>Software Engineer</Emp-designation>**

**</Employee>**

**<Employee id="TCS1012">**

**<Emp-name>Hariharan T.C</Emp-name>**

**<Emp-age>25</Emp-age>**

**<Emp-salary>60000</Emp-salary>**

**<Emp-emailid>hariharan12@gmail.com</Emp-emailid>**

**<Emp-Phonenum>9629308221</Emp-Phonenum>**

**<Emp-designation>Fullstack Developer</Emp-designation>**

**</Employee>**

**<Employee id="TCS1013">**

**<Emp-name>Harman R</Emp-name>**

**<Emp-age>34</Emp-age>**

**<Emp-salary>90000</Emp-salary>**

**<Emp-emailid>harman02@gmail.com</Emp-emailid>**

**<Emp-Phonenum>9629323241</Emp-Phonenum>**

**<Emp-designation>Data Scientist</Emp-designation>**

**</Employee>**

**<Employee id="TCS1014">**

**<Emp-name>Aravind S</Emp-name>**

**<Emp-age>38</Emp-age>**

**<Emp-salary>150000</Emp-salary>**

**<Emp-emailid>aravind002@gmail.com</Emp-emailid>**

**<Emp-Phonenum>9629332241</Emp-Phonenum>**

**<Emp-designation>IT Manager</Emp-designation>**

**</Employee>**

**</Company>**

**XSD file**

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

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:element name="Company">

    <xs:complexType>

    <xs:sequence>

    <xs:element name="Employee" maxOccurs="unbounded" minOccurs="0">

    <xs:complexType>

    <xs:sequence>

    <xs:element type="xs:string" name="Emp-name"/>

    <xs:element type="xs:int" name="Emp-age"/>

    <xs:element type="xs:mysal" name="Emp-salary"/>

    <xs:element type="xs:string" name="Emp-emailid"/>

    <xs:element type="xs:long" name="Emp-Phonenum"/>

    <xs:element type="xs:string" name="Emp-designation"/>

    </xs:sequence>

    <xs:attribute type="xs:string" name="id" use="required"/>

    </xs:complexType>

    </xs:element>

    </xs:sequence>

    </xs:complexType>

</xs:element>

<xs:simpleType name="mySal">

<xs:restriction base="xs:integer">

<xs:minInclusive value="50000"></xs:minInclusive>

<xs:maxInclusive value="200000"></xs:maxInclusive>

</xs:restriction>

</xs:simpleType>

</xs:schema>

**XSLT file**

<?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>

    <head>

        <title>

            Employee Management System

        </title>

    </head>

<body>

  <h2>Employee Management System</h2>

  <table border="2">

    <tr bgcolor="#9acd31">

      <th style="text-align:center">ID</th>

      <th style="text-align:center">NAME</th>

      <th style="text-align:center">AGE</th>

      <th style="text-align:center">SALARY</th>

      <th style="text-align:center">EMAIL</th>

      <th style="text-align:center">MOBILE NUMBER</th>

      <th style="text-align:center">DESIGNATION</th>

    </tr>

    <xsl:for-each select="Company/Employee">

    <tr>

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

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

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

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

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

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

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

    </tr>

    </xsl:for-each>

  </table>

</body>

</html>

</xsl:template>

</xsl:stylesheet>

**Displaying Table**

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