**ASSIGNMENT-1**

1. Prepare one XML and XSD for Login form

**login.xml**

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

<loginForm>

<login>

<username>Karthik</username>

<password>AK@2001</password>

</login>

</loginForm>

**login.xsd**

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

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

targetNamespace=*"http://www.example.org/login1"*

xmlns:tns=*"http://www.example.org/login1"*

elementFormDefault=*"qualified"*>

<element name=*"loginForm"*>

<complexType>

<sequence>

<element name=*"login"*>

<complexType>

<sequence>

<element name=*"username"* type=*"string"*/>

<element name=*"password"* type=*"string"*/>

</sequence>

</complexType>

</element>

</sequence>

</complexType>

</element>

</schema>

1. Prepare an XSD for below XML

**customers.xml**

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

<customers>

<customer>

<firstName>Akshay</firstName>

<lastName>Goud</lastName>

<middleName>Manchala</middleName>

<email>akshay123@gmail.com</email>

<phoneNumber>9999999999</phoneNumber>

<address>

<city>ERIE</city>

<state>PA</state>

<addressLines>7651 HAMOT RD</addressLines>

<addressLines2 />

<postalCode>16509</postalCode>

</address>

</customer>

<customer>

<firstName>Charan</firstName>

<lastName>Goud</lastName>

<middleName>Manchala</middleName>

<email>akshay123@gmail.com</email>

<phoneNumber>9999999999</phoneNumber>

<address>

<city>ERIE</city>

<state>PA</state>

<addressLines>7651 HAMOT RD</addressLines>

<addressLines2 />

<postalCode>16509</postalCode>

</address>

</customer>

<customer>

<firstName>Aishwarya</firstName>

<lastName>Goud</lastName>

<middleName>Manchala</middleName>

<email>akshay123@gmail.com</email>

<phoneNumber>9999999999</phoneNumber>

<address>

<city>ERIE</city>

<state>PA</state>

<addressLines>7651 HAMOT RD</addressLines>

<addressLines2 />

<postalCode>16509</postalCode>

</address>

</customer>

</customers>

**customers.xsd**

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

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

<element name=*"customers"*>

<complexType>

<sequence>

<element name=*"customer"* maxOccurs=*"unbounded"* minOccurs=*"0"*>

<complexType>

<sequence>

<element name=*"firstName"* type=*"string"*/>

<element name=*"lastName"* type=*"string"*/>

<element name=*"middleName"* type=*"string"*/>

<element name=*"email"* type=*"string"*/>

<element name=*"phoneNumber"* type=*"integer"*/>

<element name=*"address"*>

<complexType>

<sequence>

<element name=*"city"* type=*"string"*/>

<element name=*"state"* type=*"string"*/>

<element name=*"addressLines"* type=*"string"*/>

<element name=*"addressLines2"* type=*"string"*/>

<element name=*"postalCode"* type=*"integer"*/>

</sequence>

</complexType>

</element>

</sequence>

</complexType>

</element>

</sequence>

</complexType>

</element>

</schema>