1. To create simple XML document to create address book

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

<addressbook>

<entry>name="haran" email="haran@gmail.com" location="vijayawada" ContactNo="8501017654" date="23/11/1980>hi this is haran</entry>

</addressbook>

1. To create a xml document and database for importing and exporting xml document into database

**Importing:**

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

<resultset statement="" xmlns:xsi="">

<row>

<field name="regno">20071T51</field>

<field name="name">haran</field>

<field name="avg">97</field>

<field name="dob">15-08-1992</field>

<field name="time">13:30:00</field>

<field name="mobileno">98945682</field>

</row>

use studentinfo;

LOAD XML LOCAL INFILE '/pathtofile/student.xml' INTO TABLE my\_students;

id (auto increment id)

regno(varchar)

name(varchar)

avg(varchar)

dob(varchar)

time(varchar)

mobileno(varchar)

**exporting:**

1. To create a simple XSLT transformation form XSL to XML
2. Create a XSD and DTD for student information

**Student.Xml**

<?xml version="1.0"?>

<!DOCTYPE STUDENTS SYSTEM "E:\XML1\STUDENT.dtd">

 <STUDENT>

    <NAME> SUTHA </NAME>

    <REGNO>  2007IT51 </REGNO>

    <AVG> 92 </AVG>

    <DOB>15-08-1992 </DOB>

<TIME>07:23</TIME

  <MOBILE NO>”9849984900”</MOBILE NO>

<DISTINCTION>YES</DISTINCTION

</STUDENT>

**Student.dtd**

<?xml version="1.0"?>

<!ELEMENT STUDENTS (STUDENT\*)>

<!ELEMENT NAME (#PCDATA)>

<!ELEMENT REGNO (#PCDATA)>

<!ELEMENT AVG (#PCDATA)>

<!ELEMENT DOB (#PCDATA)>

<!ELEMENT TIME (#PCDATA)>

<!ELEMENT MOBILENO (#PCDATA)>

<!ELEMENT DISTINCTION(#PCDATA)>

**Student.xsd**

<?xml version = "1.0"?>

<xs:schema xmlns:xs = " E:\XML1\STUDENT.XSD">

<xs:element name = 'class'>

<xs:complexType>

<xs:sequence>

<xs:element name = 'student' type = 'StudentType' minOccurs = '0'

maxOccurs = 'unbounded' />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:complexType name = "StudentType">

<xs:sequence>

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

<xs:element name = "avg" type = "xs:positiveInteger"/>

</xs:sequence>

<xs:attribute name = 'regno' type = 'xs:positiveInteger'/>

</xs:complexType>

</xs:schema>

1. Create XML document which strore the information about library/bookstore

<?xml version="1.0"?>

<?xml-stylesheet type="text/xsl" href="bookstore.xsl"?>

<bookstore>

<book>

<title>web engineering</title>

<author>Giada De Laurentiis</author>

<year>2008</year>

<price>300.00</price>

</book>

<book>

<title>nodejs</title>

<author>Rowli</author>

<year>2009</year>

<price>290.99</price>

</book>

<book>

<title>Learning XML</title>

<author>Erik T. Ray</author>

<year>2003</year>

<price>309.95</price>

</book>

</bookstore>