Name : Deepankar Sharma

Course: BCA

University Roll No: 2092014

Student Id : 20041299

Semester: 5

Date: October 26, 2022

**External DTD**

**Objective: Write xml describing the books data with elements like bookname, author , publisher and copies printed. Also use an external dtd to validate it.**

**bookstype.dtd**

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

<!ELEMENT books (book+)>

<!ELEMENT book (book-name, author-name, publisher, copies)>

<!ELEMENT book-name (#PCDATA)>

<!ELEMENT author-name (#PCDATA)>

<!ELEMENT publisher (#PCDATA)>

<!ELEMENT copies (#PCDATA)>

**Books.XML**

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

<!DOCTYPE books SYSTEM "bookstype.dtd">

<books>

<book>

<book-name>Radhe Shyam</book-name>

<author-name>H.M. Shrivanshi</author-name>

<publisher>Bloomsberg</publisher>

<copies>500</copies>

</book>

<book>

<book-name>KK bro</book-name>

<author-name>author1</author-name>

<publisher>publisher1</publisher>

<copies>5001</copies>

</book>

<book>

<book-name>Amazing book</book-name>

<author-name>H.M. Amazing Publisher</author-name>

<publisher>Amazing Publisher</publisher>

<copies>500</copies>

</book>

<book>

<book-name>Amazing Book 2</book-name>

<author-name>H.M. Shrivanshi</author-name>

<publisher>Bloomsberg</publisher>

<copies>500</copies>

</book>

</books>

**Output**

This XML file does not appear to have any style information associated with it. The document tree is shown below.

<books>

<book>

<book-name>Radhe Shyam</book-name>

<author-name>H.M. Shrivanshi</author-name>

<publisher>Bloomsberg</publisher>

<copies>500</copies>

</book>

<book>

<book-name>KK bro</book-name>

<author-name>author1</author-name>

<publisher>publisher1</publisher>

<copies>5001</copies>

</book>

<book>

<book-name>Amazing book</book-name>

<author-name>H.M. Amazing Publisher</author-name>

<publisher>Amazing Publisher</publisher>

<copies>500</copies>

</book>

<book>

<book-name>Amazing Book 2</book-name>

<author-name>H.M. Shrivanshi</author-name>

<publisher>Bloomsberg</publisher>

<copies>500</copies>

</book>

</books>