

## **Exercise 5:**

Write an XML file which will display the Book information which includes the following:

(i) Title of the book (ii) Author Name (iii) ISBN number (iv) Publisher name (v) Edition (vi) Price

(a) Write a Document Type Definition (DTD) to validate the above XML file.

(b) Write a XML Schema Definition (XSD)

### **Sample.xml**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE book SYSTEM "sample.dtd">
<bookdetails>
<book>
<title>XML Bible</title>
<author>Elliotte Rusty Harold</author>
<isbn>9876540958</isbn>
<publisher>Hungry Minds</publisher>
<edition>4th</edition>
<price>$27.9</price>
</book>
<book>
<title>AI: A Modern Approach</title>
<author>Dr Loshma</author>
<isbn>65948397645</isbn>
<publisher>vasavi readers</publisher>
<edition>3th</edition>
<price>$7.9</price>
</book>
<book>
<title>Beginning Java 2</title>
<author>Praveen kumar </author>
<isbn>2134455668</isbn>
<publisher>IT Minds</publisher>
<edition>6th</edition>
<price>$12.9</price>
</book>
<book>
<title>HTML5: up and Running</title>
<author>Dr Nagavallika</author>
<isbn>4765879897</isbn>
<publisher>Linux Hunters</publisher>
<edition>8th</edition>
<price>$23.9</price>
```

```
</book>
</bookdetails>
```

## Sample.dtd

```
<!ELEMENT bookdetails (book+)>
<!ELEMENT book (title,author,isbn,publisher,edition,price)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT isbn (#PCDATA)>
<!ELEMENT publisher (#PCDATA)>
<!ELEMENT edition (#PCDATA)>
<!ELEMENT price (#PCDATA)>
```

## Output:



