

Experiment:3

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

Title of the book, Author Name, ISBN number, Publisher name, Edition and Price.

Validate the above document using DTD

Source-Code :

Internal.DTD:

```
<?xml version="1.0" ?>
<!DOCTYPE bookstore [
<!ELEMENT bookstore (book+) >
<!ELEMENT book (title,author+,isbn,pub,edi,price?) >
<!ELEMENT title (#PCDATA) >
<!ELEMENT author (#PCDATA) >
<!ELEMENT isbn (#PCDATA) >
<!ELEMENT pub (#PCDATA) >
<!ELEMENT edi (#PCDATA) >
<!ELEMENT price (#PCDATA) >
] >
<bookstore>
<book>
<Title>HTML5</Title>
<author>Dr.mohan</author>
<isbn>923-145-3456</isbn>
<pubshiler>dreamTech</pubshiler>
<edition>2019</edition>
<price>849</price>
</book>
<book>
<Title>AI</Title>
<author>Dr.praveen</author>
<isbn>912-145-34789</isbn>
<pubshiler>wrox</pubshiler>
```

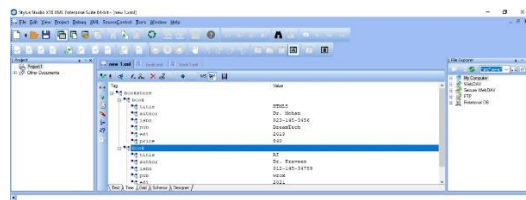
<edition>2021</edition>

<price>1849</price>

</book>

</bookstore>

Output:



External-DTD using PRIVATE

book.dtd:

<!ELEMENT bookstore (book+) >

<!ELEMENT book (title,author+,isbn,pub,edi,price?) >

<!ELEMENT title (#PCDATA) >

<!ELEMENT author (#PCDATA) >

<!ELEMENT isbn (#PCDATA) >

<!ELEMENT publication (#PCDATA) >

<!ELEMENT edition (#PCDATA) >

<!ELEMENT price (#PCDATA) >

Externaldtdprivate:

<?xml version="1.0"?>

<bookstore>

<book>

<Title>HTML5</Title>

<author>Dr.mohan</author>

<isbn>923-145-3456</isbn>

<pubshiler>dreamTech</pubshiler>

<edition>2019</edition>

<price>849</price>

</book>

<book> <Title>AI</Title>

<author>Dr.praveen</author>

<isbn>912-145-34789</isbn>

<pubshiler>wrox</pubshiler>

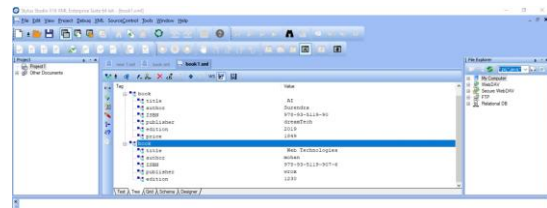
<edition>2021</edition>

<price>1849</price>

</book>

</bookstore>

Output:



Book.dtd:

<!ELEMENT bookstore (book+) >

<!ELEMENT book (title,author+,isbn,pub,edi,price?) >

<!ELEMENT title (#PCDATA) >

<!ELEMENT author (#PCDATA) >

<!ELEMENT isbn (#PCDATA) >

<!ELEMENT publication (#PCDATA) >

<!ELEMENT edition (#PCDATA) >

<!ELEMENT price (#PCDATA) >

Externaldtdpublic:

<?xml version="1.0" ?>

<!DOCTYPE bookstore PUBLIC "-//Surendra/1.0/EN" "book.dtd" >

<bookstore>

<book>

<title> AI</title>

<author>Surendra</author>

<ISBN>978-93-5119-90</ISBN>

<publisher>dreamTech</publisher>

<edition>2019</edition>

<price>1849</price>

</book>

<book>

<title> Web Technologies</title>

<author>mohan</author>

<ISBN>978-93-5119-907-6</ISBN>

<publisher>wrox</publisher>

<edition>1230</edition>

</book>

</bookstore>

Output:

