

- Title :- XML & CSS

- Problem Statement: write a program to design book catalog by using XML & CSS to display title, author, price & year of the book.

- Outcomes:

Students will be able to:

- 1) Design static webpage using XML
- 2) Apply CSS to XML pages.

- Software & Hardware Requirement:
Software: Notepad, Any Browser.

- Theory:-

XML stands for extensible Markup language. It is nothing but the text based markup language which is derived from standard generalized markup language (SGML).

XML tags identify the data & are used to store & organize the data, rather than specifying how to display it like HTML tags, which are used to display the data.

Characteristics:-

- 1) XML is extensible - XML allows you

to control create your own self descrip-
 tive tags or languages that suit
 your application.

2) XML overrules the data does not present
 it - XML allows you to store that
 data irrespective of how it will
 be presented.

3) XML is a public standard.

* XML Attributes :-

Using a name/value pair an attribute
 specifies a single property for an
 element. An XML-element can
 have one or more attribute for
 eg :- `XML Tutorial`

Here href is the attribute name &
 http://www.google.com is attribute
 value.

* Conclusion :-

Hence, we have designed Static web
 pages using XML & CSS.

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Write a program to design book catalog by using XML and CSS to display title, author, price and year of the book.

File !1= books.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="books.css"?>
<books>
  <heading>Welcome </heading>
  <book>
    <title>Title -: Web Programming</title>
    <author>Author -: Chrisbates</author>
    <year>Year -: 1997</year>
    <price>Price -: 300</price>
  </book>
  <book>
    <title>Title -: Internet world-wide-web</title>
    <author>Author -: Ditel</author>
    <year>Year -: 2004</year>
    <price>Price -: 400</price>
  </book>
  <book>
    <title>Title -: Computer Networks</title>
    <author>Author -: Foruouzan</author>
    <year>Year -: 1996</year>
    <price>Price -: 700</price>
  </book>
```

```
<book>

  <title>Title -: DBMS Concepts</title>

  <author>Author -: Navath</author>

  <year>Year -: 1980</year>

  <price>Price -: 600</price>

</book>

<book>

  <title>Title -: Linux Programming</title>

  <author>Author -: Subhitab Das</author>

  <year>Year -: 1995</year>

  <price>Price -: 300</price>

</book>

</books>
```

File 2 – Books.css

```
books {

  color: white;

  background-color : gray;

  width: 100%;

}

heading {

  color: green;

  font-size : 40px;

  background-color : powderblue;

}

heading, title, author, publisher, edition, price {

  display : block;

}

title {

  font-size : 25px;
```

font-weight : bold;

}

Output:

