

Nikita Dattatray Bhosale

TEA 17

Assignment No: 3.

Aim: XML & CSS.

Problem Statement: WAP to design book catalog using XML and CSS to display title, author, price & year of the book

Theory:

- ① XML Stands for extensible markup language. It is nothing but text-based markup lang. which is designed from std generalized markup lang.

- XML tags identify data and are used to store and organize data rather than specify how to display it like HTML tag, which are used to display data
- There are 3 important characteristics of XML that make it useful in variety of systems & solutions
 - XML is extensible
 - XML carries the data, does not present it
 - XML is a public standard

② Technology :-

The XML document have XML declaration, but it is optional. `<?xml version = '1.0' encoding = 'UTF-8!>`
 each XML-element needs to be closed either with start or end elements as shown below -

`<element> - - - </element>`

An XML docⁿ can have only one root element

`<root> <x> - - - </x>`

`<y> - - - </y> </root>`

③ XML Attributes :-

using a name / value pair, attribute specifies a single property for an element. An XML element can have one or more attribute.

`XML Tutorial `

④ Design steps :-

1. write XML code in notepad & save with .XML extension
2. write CSS code in notepad & save with .css extension
3. import CSS file in XML page
4. open XML page in browser

⑤ Test cases :- manual testing is used to check whether CSS gets applied or not

Conclusion :- hence we have static web pages using XML & CSS.