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WTL ASSIGNMENT 3

1. TITLE : XML Document Creation

2. PROBLEM STATEMENT:
   Design the XML document to store the information of the employees of any business organisation & demonstrate the use of :
   a) DTD
   b) XML Schema
   c) Display content using CSS/XSL.

3. LEARNING OBJECTIVES:
   To be able to design a XML page to store information

4. THEORY:
   XML
   a) XML stands for extensible markup language.
   b) XML was designed to store & transport data.
   c) XML is designed to be both human & machine readable.
   d) XML plays an important role in many different IT ~~roles~~ Systems.
   e) It is often used for distributing data over the internet.

   DTD
   a) Stands for document type definition
   b) It defines structure & the legal elements & ~~elements~~ attributes of XML documents.
   c) With DTD, an independent group of people

can agree on a standard DTD for interchanging data.
d) An application of DTD is to verify if the XML file is valid.
e) If DTD is declared inside XML file, it must be wrapped inside <!DOCTYPE> definition.
f) If the DTD is declared in an external file, the <!DOCTYPE> must contain reference to the DTD file.

XML Schema

a) A XML schema describes structure of an XML document.
b) It is also referred as XML Schema definition (XSD).
c) The purpose of an XML Schema is to define the legal building blocks of XML document.
d) Many of the XML standards are defined by XML Schemas.

XSL

a) It stands for extensible Styling language.
b) It is used for styling the XML pages.

5. CONCLUSION :

We have successfully created an XML page using XML Schemas, DTD and XSL.

Output Screenshot:

127.0.0.1:5500/Assignment3/employees.xml

Employee database

Name	Age	JD
Gayatri Godbole	19	SDE
Jennifer Dsouza	22	SDE
Karan Mehta	39	Manager
Mihir Deshpande	40	CEO