**5. Design an XML document to store information about a student in an engineering college affiliated to VTU. The information must include USN, Name, and Name of the College, Programme, Year of Joining, and email id. Makeup sample data for 3 students. Create a CSS style sheet and use it to display the document.**

Program:

lab5.xml

<?xml version="1.0" encoding="UTF-8"?>

<?xml-stylesheet type="text/css" href="lab5.css"?>

<!DOCTYPE student [

<!ELEMENT student\_info (h3,h4+,ad+)>

<!ELEMENT ad (label)>

<!ELEMENT usn (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT col (#PCDATA)>

<!ELEMENT branch (#PCDATA)>

<!ELEMENT year (#PCDATA)>

<!ELEMENT email (#PCDATA)>

<!ELEMENT label (#PCDATA|usn|name|col|branch|year|email)\*>

<!ELEMENT h2 (#PCDATA)>

<!ELEMENT h1 (#PCDATA)>]>

<student\_info>

<h3>Student information</h3>

<h4>Student1</h4>

<ad><label>USN:<usn>4SO20CS073</usn></label></ad>

<ad><label>NAME:<name>JOYLINE</name></label></ad>

<ad><label>COLLEGE:<col>SJEC</col></label></ad>

<ad><label>BRANCH:<branch>CSE</branch></label></ad>

<ad><label>YEAR:<year>2024</year></label></ad>

<ad><label>EMAIL:<email>joy@gmail.com</email></label></ad>

<h4>Student2</h4>

<ad><label>USN:<usn>4SO20CS122</usn></label></ad>

<ad><label>NAME:<name>WINSLET</name></label></ad>

<ad><label>COLLEGE:<col>SJEC</col></label></ad>

<ad><label>BRANCH:<branch>ISE</branch></label></ad>

<ad><label>YEAR:<year>2020</year></label></ad>

<ad><label>EMAIL:<email>win@gmail.com</email></label></ad>

<h4>Student3</h4>

<ad><label>USN:<usn>4S020CS323</usn></label></ad>

<ad><label>NAME:<name>MELISHA</name></label></ad>

<ad><label>COLLEGE:<col>SJEC</col></label></ad>

<ad><label>BRANCH:<branch>CSE</branch></label></ad>

<ad><label>YEAR:<year>2030</year></label></ad>

<ad><label>EMAIL:<email>mel@gmail.com</email></label></ad>

</student\_info>

lab5.css

h3{

color:rgb(103, 7, 126);

font-size:35px;

text-align: center;

margin-top: 50px;

padding-top: 150px;

padding-left: 100px;

}

h4 {

display:block;

margin-left:40px;

margin-top: 30;

color:rgba(31, 141, 163, 0.893);

font-size:30px;

padding-top: 60px;

}

ad {

/\*display:block; \*/

margin-left:80px;

margin-top:40px;

color:rgb(11, 14, 162);

font-size:15px;

padding: 3px;

}

usn {

color:red;

margin-left:40px;

font-size:15px;

padding: 3px;

}

name {

color:red;

margin-left:40px;

font-size:15px;

padding: 3px;

}

col {

color:red;

margin-left:40px;

font-size:15px;

padding: 3px;

}

branch {

color:red;

margin-left:40px;

font-size:15px;

padding: 3px;

}

year {

color:red;

margin-left:40px;

font-size:15px;

padding: 10px;

}

email {

color:red;

margin-left:40px;

font-size:15px;

padding: 3px;

}

Output:

