

Assignment-5

Vaishnavi Desai – 2TG19CS055

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, Program, Year of Joining, and email id. Make up sample data for 3 students. Create a CSS style sheet and use it to display the document.

Prog5.xml

```
<?xml-stylesheet type="text/css" href="prog5.css"?>

<!DOCTYPE HTML>

<html>

    <head>
        <h1> STUDENTS DESCRIPTION </h1>
    </head>

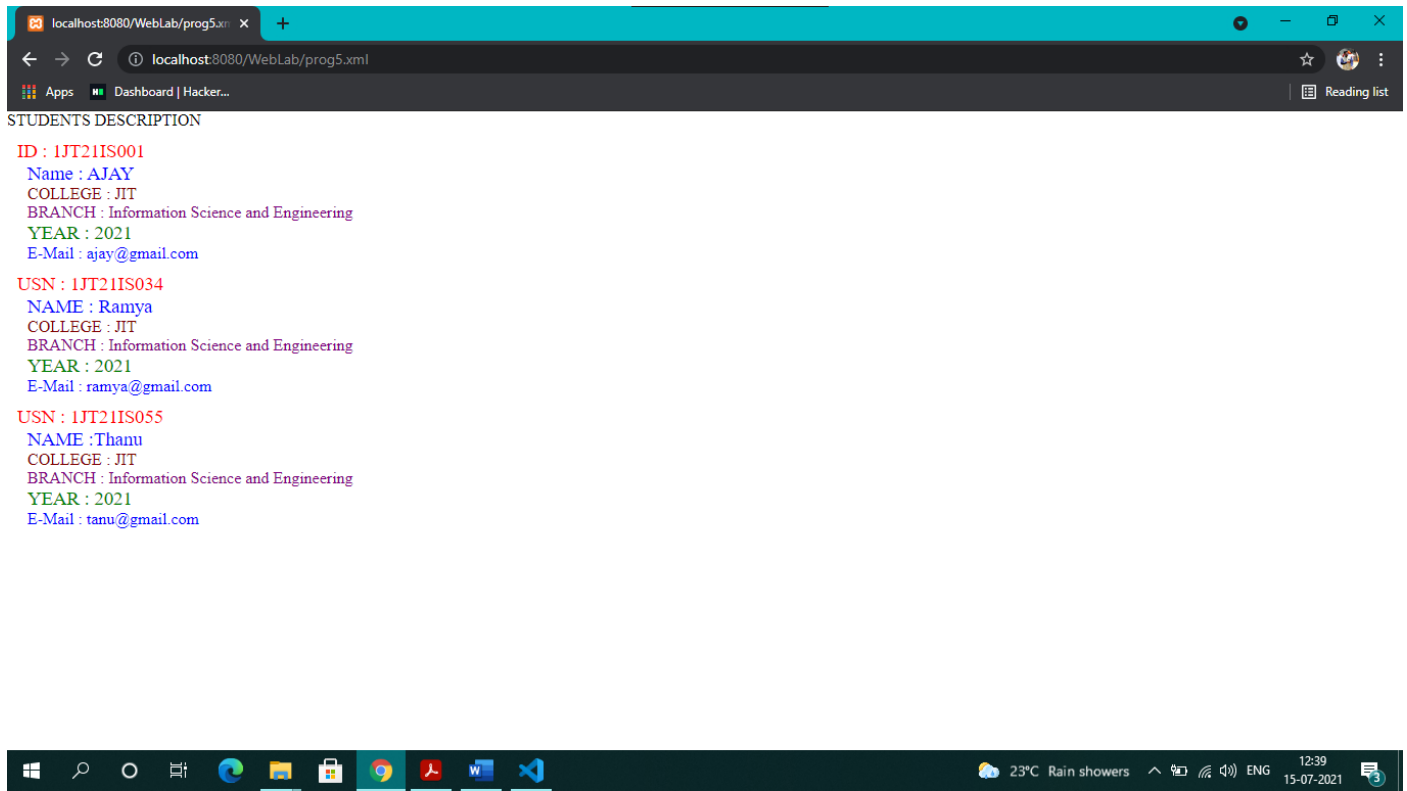
    <students>
        <student>
            <USN>ID : 1JT21IS001</USN>
            <name>Name : AJAY</name>
            <college>COLLEGE : JIT</college>
            <branch>BRANCH : Information Science and Engineering</branch>
            <year>YEAR : 2021</year>
            <e-mail>E-Mail : ajay@gmail.com</e-mail>
        </student>
        <student>
            <USN>USN : 1JT21IS034 </USN>
            <name>NAME : Ramya </name>
            <college>COLLEGE : JIT</college>
            <branch>BRANCH : Information Science and Engineering</branch>
            <year>YEAR : 2021</year>
            <e-mail>E-Mail : ramya@gmail.com</e-mail>
        </student>
        <student>
            <USN>USN : 1JT21IS055</USN>
            <name>NAME : Thanu</name>
            <college>COLLEGE : JIT</college>
            <branch>BRANCH : Information Science and Engineering</branch>
            <year>YEAR : 2021</year>
            <e-mail>E-Mail : tanu@gmail.com</e-mail>
        </student>
    </students>

</html>
```

Prog5.css

```
student {  
    display: block;  
    margin-top: 10px;  
    color: Navy;  
}  
  
USN {  
    display: block;  
    margin-left: 10px;  
    font-size: 14pt;  
    color: Red;  
}  
  
name {  
    display: block;  
    margin-left: 20px;  
    font-size: 14pt;  
    color: Blue;  
}  
  
college {  
    display: block;  
    margin-left: 20px;  
    font-size: 12pt;  
    color: Maroon;  
}  
  
branch {  
    display: block;  
    margin-left: 20px;  
    font-size: 12pt;  
    color: Purple;  
}  
  
year {  
    display: block;  
    margin-left: 20px;  
    font-size: 14pt;  
    color: Green;  
}  
  
e-mail {  
    display: block;  
    margin-left: 20px;  
    font-size: 12pt;  
    color: Blue;  
}
```

Output:



Prog5_a.xml

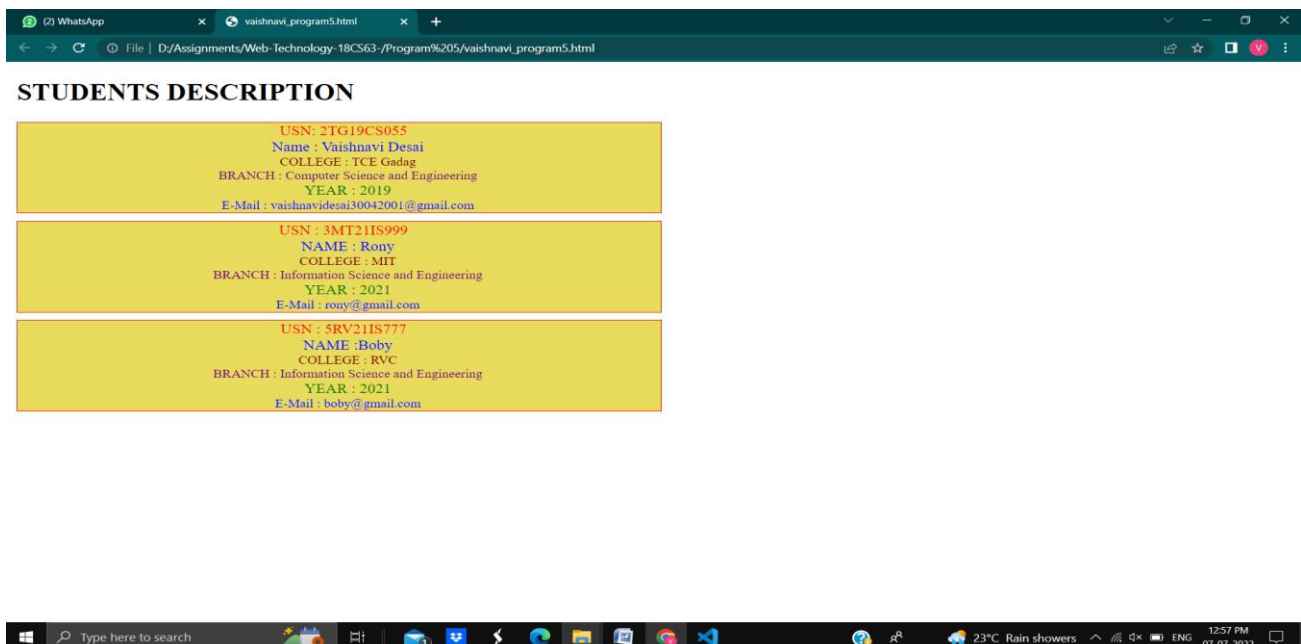
```
<!DOCTYPE HTML>

<html>

  <head>
    <h1> STUDENTS DESCRIPTION </h1>
  </head>
  <link rel="stylesheet" href="prog5.css">

  <students>
    <student>
      <USN>USN: 2TG19CS055</USN>
      <name>Name : Vaishnavi Desai</name>
      <college>COLLEGE : TCE Gadag</college>
      <branch>BRANCH : Computer Science and Engineering</branch>
      <year>YEAR : 2019</year>
      <e-mail>E-Mail : vaishnavidesai30042001@gmail.com</e-mail>
    </student>
    <student>
      <USN>USN : 3MT21IS999 </USN>
      <name>NAME : Rony </name>
      <college>COLLEGE : MIT</college>
      <branch>BRANCH : Information Science and Engineering</branch>
      <year>YEAR : 2021</year>
      <e-mail>E-Mail : rony@gmail.com</e-mail>
    </student>
    <student>
      <USN>USN : 5RV21IS777</USN>
      <name>NAME :Boby</name>
      <college>COLLEGE : RVC</college>
      <branch>BRANCH : Information Science and Engineering</branch>
      <year>YEAR : 2021</year>
      <e-mail>E-Mail : boby@gmail.com</e-mail>
    </student>
  </students>
</html>
```

Output:



The screenshot shows a web browser window with the title 'STUDENTS DESCRIPTION'. The browser address bar displays the file path: 'D:\Assignments\Web-Technology-18CS63-/Program%205/vaishnavi_program5.html'. The page content consists of three yellow boxes, each containing the details of a student:

- Student 1:**
USN: 2TG19CS055
Name : Vaishnavi Desai
COLLEGE : TCE Gadag
BRANCH : Computer Science and Engineering
YEAR : 2019
E-Mail : vaishnavidesai30042001@gmail.com
- Student 2:**
USN : 3MT21IS999
NAME : Rony
COLLEGE : MIT
BRANCH : Information Science and Engineering
YEAR : 2021
E-Mail : rony@gmail.com
- Student 3:**
USN : 5RV21IS777
NAME :Boby
COLLEGE : RVC
BRANCH : Information Science and Engineering
YEAR : 2021
E-Mail : boby@gmail.com

The Windows taskbar at the bottom shows the system clock as 12:57 PM on 07-07-2022, with a temperature of 23°C and rain showers.

