Assignment-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, 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

```
        </style>
        <h1> STUDENTS DESCRIPTION </h1>
    </head>

    <students>
        <student>
            <USN>ID : 2TG19CS009</USN>
            <name>Name : CHETAN C BOGALI</name>
            <college>COLLEGE : TCE</college>
            <branch>BRANCH : Computer Science and Engineering</branch>
            <year>YEAR : 2022</year>
            <e-mail>E-Mail : chetan@gmail.com</e-mail>
        </student>
        <student>
            <USN>USN : 2TG19CS027 </USN>
            <name>NAME : PRAJWAL P M </name>
            <college>COLLEGE : TCE</college>
            <branch>BRANCH :Computer Science and Engineering</branch>
            <year>YEAR : 2022</year>
            <e-mail>E-Mail : prajwal@gmail.com</e-mail>
        </student>
        <student>
            <USN>USN : 2TG19ME028</USN>
            <name>NAME :VIVEK</name>
            <college>COLLEGE : TCE</college>
            <branch>BRANCH : Computer Science and Engineering</branch>
            <year>YEAR : 2022</year>
            <e-mail>E-Mail : vivek@gmail.com</e-mail>
        </student>
    </students>

</html>
```

```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;
    }
```
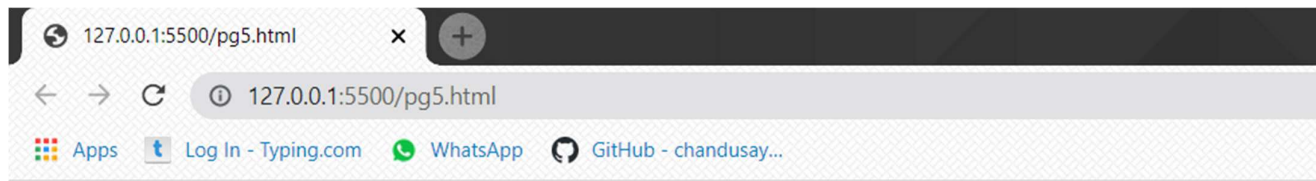
Output:

STUDENTS DESCRIPTION

ID : 2TG19CS009
  Name : CHETAN C BOGALI
  COLLEGE : TCE
  BRANCH : Computer Science and Engineering
  YEAR : 2022
  E-Mail : chetan@gmail.com

USN : 2TG19CS027
  NAME : PRAJWAL P M
  COLLEGE : TCE
  BRANCH :Computer Science and Engineering
  YEAR : 2022
  E-Mail : prajwal@gmail.com

USN : 2TG19ME028
  NAME :VIVEK
  COLLEGE : TCE
  BRANCH : Computer Science and Engineering
  YEAR : 2022
  E-Mail : vivek@gmail.com

Prog5_a.xml

```xml
<h1> STUDENTS DESCRIPTION </h1>
  </head>

  <students>
      <student>
          <USN>USN: 2TG19CS012</USN>
          <name>Name : G PAVAN KUMAR</name>
          <college>COLLEGE : TCE Gadag</college>
          <branch>BRANCH : Computer Science and Engineering</branch>
          <year>YEAR : 2019</year>
          <e-mail>E-Mail : pavan@gmail.com</e-mail>
      </student>
      <student>
          <USN>USN : 3MT21IS999 </USN>
          <name>NAME : CHETAN C BOGALI </name>
          <college>COLLEGE :MIT</college>
          <branch>BRANCH : Information Science and Engineering</branch>
          <year>YEAR : 2019</year>
          <e-mail>E-Mail : chetan@gmail.com</e-mail>
```

```
            </student>
            <student>
                <USN>USN : 5RV21IS777</USN>
                <name>NAME :PRAJWAL P M</name>
                <college>COLLEGE : RVC</college>
                <branch>BRANCH :Computer Science and Engineering</branch>
                <year>YEAR : 2019</year>
                <e-mail>E-Mail : prajwal@gmail.com</e-mail>
            </student>
        </students>
</html>
```

Prog5_a.css

```css
student {
        background-color: rgb(233, 219, 92);
        margin-left: 5px;
        text-align: center;
        border: 1.5px solid rgb(230, 10, 10);
        height: 100%;
        width: 50%;
        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;
    }
    h1{
            margin-left: 5px;
    }
```

Output: