

Program 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.

Program5.xml

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

<!DOCTYPE HTML>

<html>

  <head>

    <link rel="stylesheet" href="prog5.css">

    <h1> STUDENTS DESCRIPTION </h1>

  </head>

  <students>

    <student>

      <USN>USN: 2TG19CS005</USN>

      <name>Name : Balachandra Athani</name>

      <college>COLLEGE : TCE Gadag</college>

      <branch>BRANCH : Computer Science and Engineering</branch>

      <year>YEAR : 2019</year>

      <e-mail>E-Mail : balu@gmail.com</e-mail>

    </student>

    <student>

      <USN>USN: 2TG19CS038</USN>

      <name>Name : Sangeeta K</name>

      <college>COLLEGE : TCE Gadag</college>
```

```

        <branch>BRANCH : Computer Science and Engineering</branch>

        <year>YEAR : 2019</year>

        <e-mail>E-Mail : sangeeta@gmail.com</e-mail>

    </student>

    <student>

        <USN>USN: 2TG19CS015</USN>

        <name>Name : Hanumaraddi</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>

</students>

</html>

```

Program5.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



STUDENTS DESCRIPTION

USN: 2TG19CS005

Name : Balachandra Athani

COLLEGE : TCE Gadag

BRANCH : Computer Science and Engineering

YEAR : 2019

E-Mail : bahu@gmail.com

USN: 2TG19CS038

Name : Sangeeta K

COLLEGE : TCE Gadag

BRANCH : Computer Science and Engineering

YEAR : 2019

E-Mail : sangeeta@gmail.com

USN: 2TG19CS015

Name : Hanumaraddi

COLLEGE : TCE Gadag

BRANCH : Computer Science and Engineering

YEAR : 2019

E-Mail : pavan@gmail.com

Activate Windows
Go to Settings to activate Windows.



Program5a.xml

```
<?xml-stylesheet type="text/css" href="prog5_a.css"?>
<!DOCTYPE HTML>
<html>
  <head>
    <link rel="stylesheet" href="prog5a.css">
    <h1> STUDENTS DESCRIPTION </h1>
  </head>
  <students>
    <student>
      <USN>USN: 2TG19CS005</USN>
      <name>Name :Balachandra Athani</name>
      <college>COLLEGE : TCE Gadag</college>
      <branch>BRANCH : Computer Science and Engineering</branch>
      <year>YEAR : 2019</year>
      <e-mail>E-Mail : balu@gmail.com</e-mail>
    </student>
    <student>
      <USN>USN: 2TG19CS038</USN>
      <name>Name : Sangeeta K</name>
      <college>COLLEGE : TCE Gadag</college>
      <branch>BRANCH : Computer Science and Engineering</branch>
      <year>YEAR : 2019</year>
      <e-mail>E-Mail : sangeeta@gmail.com</e-mail>
    </student>
    <student>
      <USN>USN: 2TG19CS015</USN>
      <name>Name : Hanumaraddi</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>

</students>

</html>
```

Program5a.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

