

# Experiment 8

**AI: Write a XML program to validate student details (Rno, Name, college & branch) using DTD**

1. `students.xml` (XML File)

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE students SYSTEM "students.dtd">
<students>
  <student>
    <Rno>101</Rno>
    <Name>John Doe</Name>
    <College>ABC University</College>
    <Branch>Computer Science</Branch>
  </student>
  <student>
    <Rno>102</Rno>
    <Name>Jane Smith</Name>
    <College>XYZ Institute</College>
    <Branch>Electronics</Branch>
  </student>
</students>
```

2. `students.dtd` (DTD File)

```
<!ELEMENT students (student+)>
<!ELEMENT student (Rno, Name, College, Branch)>
<!ELEMENT Rno (#PCDATA)>
<!ELEMENT Name (#PCDATA)>
<!ELEMENT College (#PCDATA)>
<!ELEMENT Branch (#PCDATA)>
```