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| **Class: FYMCA Div:A**  **Semester: 2** | **Course Code:**  **MCA01555**  **Course Name: Database Systems Laboratory** | | **Batch: F2** |
| **Name: Pranav Raju Malwatkar** | | **Roll No: 51037** | |
| **CO No: CO516.4** | | **Assignment No:13** | |

**PRACTICAL SUBMISSION RECORD- A.Y. 2024-25**

**Query 13: Create an XML file for three students by creating External DTD for student record which includes elements as Name and Address Which consists of sub elements Name(Fname, Lname),Address(Street, City, State, Zipcode, email, phone.**

**Ans:**

**abc.xml**

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

<!DOCTYPE Students SYSTEM "student.dtd">

<Students>

<Student>

<Name>

<Fname>John</Fname>

<Lname>Doe</Lname>

</Name>

<Address>

<Street>123 street</Street>

<City>pune</City>

<State>Maharashtra</State>

<Zipcode>123546</Zipcode>

<Email>xyz@gmail.com</Email>

<Phone>1236547895 </Phone>

</Address>

</Student>

<Student>

<Name>

<Fname>abc</Fname>

<Lname>xyz</Lname>

</Name>

<Address>

<Street>23 street</Street>

<City>mumbai</City>

<State>Maharashtra</State>

<Zipcode>123546</Zipcode>

<Email>abc@gmail.com</Email>

<Phone>1235547895 </Phone>

</Address>

</Student>

<Student>

<Name>

<Fname>pqr</Fname>

<Lname>po</Lname>

</Name>

<Address>

<Street>21 street</Street>

<City>mumbai</City>

<State>Maharashtra</State>

<Zipcode>223546</Zipcode>

<Email>pqr@gmail.com</Email>

<Phone>1235547895 </Phone>

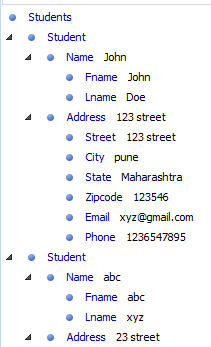
</Address>

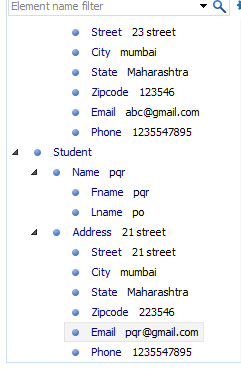
</Student>

</Students>

**Query: student.dtd**

<?xml version="1.0" encoding="UTF-8"?>  
<!ELEMENT Students (Student+)>  
<!ELEMENT Student (Name, Address)>  
<!ELEMENT Name (Fname, Lname)>  
<!ELEMENT Fname (#PCDATA)>  
<!ELEMENT Lname (#PCDATA)>  
<!ELEMENT Address (Street, City, State, Zipcode, Email, Phone)>  
<!ELEMENT Street (#PCDATA)>  
<!ELEMENT City (#PCDATA)>  
<!ELEMENT State (#PCDATA)>  
<!ELEMENT Zipcode (#PCDATA)>  
<!ELEMENT Email (#PCDATA)>  
<!ELEMENT Phone (#PCDATA)> **Output:**

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