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| **AIDS-2424** | **Lab: ADVANCE Web Technology** |

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| **Name of Students: Himanshu Dhomane** | **Semester/ Section: 6/A** |
| **Roll No: 47** | **Enroll No: 21070297** |

**Practical No. 5**

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| **Aim:** Design an XML document that contains a student's information from a  college affiliated to RTMNU. USN, Name, College Name, Brach, Year  of Joining, and Email ID are required pieces of information. Create  example information for three Students.  Perform to:  A) Create a CSS style sheet and use it to display the document.  B) Create XML for student information and access second student’s  data using DOM. |
| **Requirement (Hardware/Software) :** HTML, CSS, JS, React |
| ***Code:-***  **A) Create a CSS style sheet and use it to display the document.** <?xml-stylesheet type="text/css" href="5.css" ?> <!DOCTYPE HTML> <html> <head> <h1> STUDENTS DESCRIPTION </h1> </head> <students> <student> <USN>USN : 3GN07CS001</USN> <name>NAME : SANTHOSH</name> <college>COLLEGE : GNDEC</college> <branch>BRANCH : Computer Science and Engineering</branch> <year>YEAR : 2007</year> <e-mail>E-Mail : santosh@gmail.com</e-mail> </student> <student> <USN>USN : 3GN07IS001</USN> <name>NAME : MANORANJAN</name> <college>COLLEGE : GNDEC</college> <branch>BRANCH : Information Science and Engineering</branch> <year>YEAR : 2007</year> <e-mail>E-Mail : manoranjan@gmail.com</e-mail> </student> <student> <USN>USN : 3GN07EC001</USN> <name>NAME : CHETHAN</name>  <college>COLLEGE : GNDEC</college> <branch>BRANCH : Electronics and Communication Engineering </branch> <year>YEAR : 2007</year> <e-mail>E-Mail : chethan@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;  }  **B) Create XML for student information and access second student’s**  **data using DOM.**  *<?xml version="1.0"?>*  *<students>*  *<student>*  *<id>1</id>*  *<name>John Doe</name>*  *<college>ABC College</college>*  *<branch>Computer Science</branch>*  *<year>2022</year>*  *<email>john.doe@example.com</email>*  *</student>*  *<student>*  *<id>2</id>*  *<name>Jane Smith</name>*  *<college>XYZ College</college>*  *<branch>Electrical Engineering</branch>*  *<year>2021</year>*  *<email>jane.smith@example.com</email>*  *</student>*  *</students>* |
| **OUTPUT SCREEN SHOT IF ANY:**    **Conclusion:**  In conclusion, the task involved designing an XML document containing information about students enrolled in a college affiliated with Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU). The required pieces of information for each student included USN (University Seat Number), Name, College Name, Branch, Year of Joining, and Email ID.  For this purpose, an XML document was created with data for three example students. The document adhered to the provided format, with each student's information structured accordingly.  Additionally, two tasks were performed as part of the assignment:  A) Creation of a CSS style sheet to enhance the visual presentation of the XML document.  B) Utilization of JavaScript's Document Object Model (DOM) to access and display the data of the second student from the XML document. |