***Elect* Department of Electronics and Telecommunication Engineering**

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| Semester | T.E. Semester VI – EXTC Engineering |
| Subject | Computer Communication Network (CCN) |
| Laboratory Teacher: | Prof. Santosh Tamboli |
| Laboratory | MS-Teams online |

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| Experiment Number | 03 | |
| Experiment Title | To study DML commands | |
| Aim | To study DML (data manipulation language) commands such as:   * insert * delete * update | |
| Resources / Apparatus Required | Hardware: PC | Software: Oracle Database 10g |
| Theory: | * insert: It is used to insert a row into table  Syntax:  insert into tablename(col1, col2, col3, ....) values(val1, val2, val3, ....)  eg.  insert into employee(id, name, salary, dno, mgr) values(1, 'amit', 10000, 10, null)  eg2. insert into employee values(2, 'raj', 15000, 20, 1)  eg3. insert into employee(id, salary, name, dno, mgr) values(3, 15000, 'richa', 20, 1) * delete: It is used to delete data that satisfies the condition If we don't write condition at all, then all the data will be deleted  Syntax: delete from tablename where condition   eg. delete those employees who work in dno 10 delete from employee where dno = 10  eg2. delete those employees whose salary is more than 20000 delete from employee where salary > 20000   update: It is used to modify data that satisfies the condition  Syntax: update tablename set col1 = val1, col2 = val2, .... where condition  eg. update employee dept to 10 who are working in dept 20 update employee set dno = 10 where dno = 20  eg2. increase salary by 5000 whose salary is more than 10000 update employee set salary = salary + 5000 where salary > 10000 | |
| Results: | Insert  Code-1:    Result-1:    Code-2:    Result-2:    Code-3:    Result-3:    Delete  Code-1:    Result-1:    Code-2:    Result-2:    Update  Code-1:    Result-1:    Code-2:    Result-2: | |
| Conclusion: | In this experiment, we learned about DML commands. We learned that DML commands are used to deal with the manipulation of data present in the database. These commands are used to modify the database, and are responsible for all forms of changes in the database. | |