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

***G***

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

|  |  |  |
| --- | --- | --- |
| Student Name | Anuj Shah | |
| Roll Number | 18104B0024 | |
| Grade and Subject Teacher’s Signature |  |  |

|  |  |  |
| --- | --- | --- |
| Experiment Number | 02 | |
| Experiment Title | To study DDL commands | |
| Aim | To study DDL (data definition language) commands such as   * create * drop * truncate * rename * alter | |
| Resources / Apparatus Required | Hardware: PC | Software: Oracle Database 10g |
| Theory: | * create: It is used to create a table  Syntax: create table table\_name ( col1\_name data\_type constraints, col2\_name data\_type constraints, ... ... ... colN\_name data\_type constraints, constraints )  eg.  create table employee ( id number(3) primary key, name varchar2(20), salary number(7,2), dob date ) * To know the structure of table:  eg.  desc employee * drop: It is used to delete table  Syntax: drop table table\_name  eg. drop table employee * truncate: It is used to delete all the data from the table. Table becomes empty.  Syntax: truncate table table\_name  eg.  truncate table employee * rename: It is used to change the name of a table  Syntax: rename old\_table\_name to new\_table\_name  eg. rename employee to empnew * alter: This command is used to perform column related tasks  1. add:  alter table table\_name add col\_name data\_type  eg. alter table empnew add address varchar2(50) 2. modify: alter table table\_name modify col\_name data\_type  eg. alter table empnew modify address varchar2(100) 3. drop:  alter table table\_name drop column col\_name  eg. alter table empnew drop column address | |
| Result: | Create  Code:    Result:    Describe  Code:    Result:    Drop  Code:    Result:    Truncate  Code:    Result:    Rename  Code:    Result:    Alter  Code-1:    Result-1:    Code-2:    Result-2:    Code-3:    Result-3: | |
| Conclusion: | In this experiment, we learned about DDL commands. We learned that DDL commands can be used to define the database schema. These commands deal with the description of the database schema, and are used to create and modify the structure of objects in the database. | |