|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Exp. No** | **Conducted on** | **Submitted On** | **Date of Late Submission**  **(if Any)** | **Max Marks Allotted** | **Marks Obtained** | **Faculty Signature** |
| 1 |  |  |  | 10 |  |  |
| **Exp Title** | SQL Data Definition Language Commands (DDL) | | | | | |

**Aim :-** To write the SQL queries using DDL Commands with and without constraints.

**Syntax (for all DDL Commands)**

1. **Create Table**
2. **Alter Table**
3. **Drop Table**

**Queries (for all DDL Commands)**

1. CREATE THE TABLE (with no constraint
2. ALTER THE TABLE
3. Add
4. Modify
5. Drop
6. Rename

**Result**

SQL>Spool exp2.2

SQL>Spool off

SQL> edit exp2.2

SQL> @exp2.2

CREATE TABLE employ

(

empno NUMBER,

empname VARCHAR2(25),

dob DATE,

salary NUMBER,

designation VARCHAR2(20)

);

Table created.

SQL> DESC employ;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

EMPNAME VARCHAR2(25)

DOB DATE

SALARY NUMBER

DESIGNATION VARCHAR2(20)

SQL> ALTER TABLE emp ADD department VARCHAR2(70);

Table altered.

SQL> DESC employ;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

EMPNAME VARCHAR2(25)

DOB DATE

SALARY NUMBER

DESIGNATION VARCHAR2(20)

SQL> ALTER TABLE emp MODIFY (department VARCHAR2(100));

Table altered.

SQL> DESC employ;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

EMPNAME VARCHAR2(25)

DOB DATE

SALARY NUMBER

DESIGNATION VARCHAR2(20)

SQL> ALTER TABLE emp DROP(department);

Table altered.

SQL> DESC employ;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

EMPNAME VARCHAR2(25)

DOB DATE

SALARY NUMBER

DESIGNATION VARCHAR2(20)

SQL> ALTER TABLE emp RENAME TO emp1 ;

Table altered.

SQL> DESC emp1oy;

ERROR:

ORA-04043: object emp1oy does not exist

SQL> DESC employ;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

EMPNAME VARCHAR2(25)

DOB DATE

SALARY NUMBER

DESIGNATION VARCHAR2(20)

SQL> DROP TABLE emp1;

Table dropped.

SQL> DESC emp1;