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# EX.NO:1 IMPLEMENTATION OF DDL COMMANDS

**DATE :**

**AIM:**

To create a DDL to perform creation of table, alter, modify and drop column.

**DDL COMMANDS:**

**1.** **The Create Table Command:** It defines each column of the table uniquely. Each column has minimum of three attributes, a name , data type and size.

**Syntax:**

Create table <table name> (<col1> <datatype>(<size>),<col2>

<datatype><size>));

**Ex:**create table emp(empno number(4) primary key, ename char(10));

**2. Modifying the structure of tables.**

a) Add new columns

**Syntax:**

Alter table <tablename> add(<new col><datatype(size),<new col>datatype(size));

**Ex:**alter table emp add(sal number(7,2));

**3. Dropping a column from a table.**

**Syntax:**

Alter table <tablename> drop column <col>;

Ex:alter table emp drop column sal;

**4. Modifying existing columns.**

**Syntax:**

Alter table <tablename> modify(<col><newdatatype>(<newsize>));

**Ex:**alter table emp modify(ename varchar2(15));

**5. Renaming the tables.**

**Syntax:**

Rename <oldtable> to <new table>;

**Ex:**rename emp to emp1;

**6. Truncating the tables.**

**Syntax:**

Truncate table <tablename>;

**Ex:** truncate table emp1;

**7. Destroying tables.**

**Syntax:**

Drop table <tablename>;

**Ex:** drop table emp;

**CREATION OF TABLE:**

**SQL**>create table std(sno number(5),sname varchar(20),age number(5),sdob date,sm1 number(4,2),sm2 number(4,2),sm3 number(4,4));

*Table created.*

**SQL>**insert into std values(101,’AAA’,16,’03-jul-88’,80,90,98);

*1 row created.*

**SQL>**insert into std values(102,’BBB’,18,’04-aug-89’,88,98,90);

*1 row created.*

**OUTPUT:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Select \* from std; | |  |  |  |  |  |
| SNO | SNAME | AGE | SDOB | SM1 | SM2 | SM3 |
| 101 | AAA | 16 | 03-jul-88 80 | | 90 | 98 |
| 102 | BBB | 18 | 04-aug-89 88 | | 98 | 90 |

**ALTER TABLE WITH ADD:**

**SQL>**create table student(id number(5),name varchar(10),game varchar(20)); *Table created.*

**SQL>**insert into student values(1,’mercy’,’cricket’);

1 row created.