

24/1/23

Experiment-1

Creating Table using Data Definition language

Aim:- To create Data Definition language to perform Creation of table, alter, modify and drop column.

→ DDL Commands:-

① CREATE table Command: it defines each column of the table uniquely. Each column has minimum of 3 attributes a name, data type and size.

Syntax:- Create table emp (emp no number(4) primary key, ename char(10));

② Modifying the structure of tables: Add new column.

Syntax: Alter table <table name> add(<new col> <data type (size)> <col 2> <data type> (<size>);

③ Dropping a column from table:

Syntax: alter table <table name> drop column <col>;

④ Modifying existing columns:-

Syntax: Alter table <table name> modify (<col> <new data type> (<new size>);

⑤ Renaming the tables:-

Syntax: Rename <old table> to <new table>

Observations:-

SAMPLE:

> create table std (Sno number (5), Sname
Varchar(10), age number(5), s dob date);

Table created

> insert into std values (100, 'A', 16, '30-JUN-23');

Row created

> select * from std;

Output:-

SNO	SNAME	AGE	SDOB
100	A	16	30-JUN-23

> alter table std add (sreg number (5));

> insert into std values (101, 'B', 18,
'04-MAR-72', 1005);

Row created

> select * from std;

Output:-

SNO	SNAME	AGE	DOB	SREG NUMBER
100	A	16	30-JUN-23	
101	B	18	04-MAR-72	1005

> alter table std modify (Sno number (10),
Sreg number (20));

> desc std;

Output:-

NAME	NULL: TYPE
SNO	Number(10)
SNAME	Varchar(20)
AGE	Number(5)
SDOB	Date
SREG	Number(20)

> drop table std;

Table dropped.

OR

> truncate table std;

Output:-

if drop:

table not found.

⑥ Truncating the tables:

Syntax: Truncate table <table name>;

⑦ Destroying tables:

Syntax: Drop table <table name>;

Result:-

Thus, the Data Definition language commands are executed successfully.

Ex No:	Experiment Name:	
Experiment Component	Max marks	
Identification of commands (DDL, DML, DCL)	(2 marks)	
Query framing	(3 marks)	
SQL Query and Validation	(5 marks)	
Total	(10 marks)	
Viva Questions & Answers	(5 marks)	
Verified by:	Date:	Signature: