

EXP 1

DDL COMMANDS

AIM

To know about the Data Definition commands in SQL and execute DDL Commands for Online Food Ordering System

SQL COMMANDS:

The DDL Commands are 1.CREATE 2.ALTER 3.DROP 4.TRUNCATE
5.RENAME

1.CREATING A TABLE:

```
SQL> create table custome_Infom(cid number(10) primary key,name  
varchar(20) not null,email varchar(20) unique,phone number(10),address  
varchar(20));  
Table created.
```

```
SQL> Insert into custome_Infom  
values(101,'John','john@gmail.com','9876543210','erode');  
1 row created.
```

```
SQL> Insert into custome_Infom  
values(102,'kim','kim@gmail.com','987654329','tiruppur');  
1 row created.
```

```
SQL> Insert into custome_Infom  
values(103,'Jim','jim@gmail.com','9876543210','erode');  
1 row created.
```

```
SQL> Insert into custome_Infom  
values(104,'king','king@gmail.com','9876543810','salem');  
1 row created.
```

A.DESCRIBING A TABLE

SQL> desc custome_Infom;

Name	Null?	Type
CID	NOT NULL	NUMBER(10)
NAME	NOT NULL	VARCHAR2(20)
EMAIL		VARCHAR2(20)
PHONE		NUMBER(10)
ADDRESS		VARCHAR2(20)

C.DISPLAYING ALL THE RECORDS INSERTED IN THE TABLES

SQL> select * from custome_Infom;

CID	NAME	EMAIL	PHONE	ADDRESS
101	John	john@gmail.com	9876543210	erode
102	kim	kim@gmail.com	987654329	tiruppur
103	Jim	jim@gmail.com	9876543210	erode
104	king	king@gmail.com	9876543810	salem
105	kemy	kemy@gmail.com	9876543898	covai

2.ALTER:

A.TO ADD FIELDS IN THE TABLE

SQL> alter table custome_Infom add pincode number(10);
Table altered.

B.TO MODIFY THE FIELD DATATYPE

SQL> alter table custome_Infom modify pincode varchar(10);

Table altered.

C.TO RENAME THE FIELD NAME

SQL> alter table custome_Infom rename column pincode to postal_code;
Table altered.

D.TO DROP THE PARTICULAR FIELD

SQL> alter table custome_Infom drop column postal_code;
Table altered.

E.TO DROP MORE THAN ONE FIELD

SQL> alter table custome_Infom drop(email,address);
Table altered.

3.DROP

SQL> create table menu(id number(5) primary key,type varchar(20),amount number(10));
Table created.

SQL> insert into menu values(1,'indian',1000);

1 row created.

SQL> insert into menu values(12,'chinese',500);

1 row created.

SQL> select * from menu;

ID	TYPE	AMOUNT
1	indian	1000
12	chinese	500

SQL> drop table menu;

Table dropped.

SQL> desc menu;

ERROR: ORA-04043: object menu does not exist

TRUNCATE

SQL> create table orders(order_id number(10) primary key,name varchar(20));

Table created.

SQL> insert into orders values(11,'indian');

1 row created.

SQL> insert into orders values(13,'Europe');

1 row created.

SQL> select * from orders;

ORDER_ID	NAME
11	indian
13	Europe

SQL> truncate table orders;

Table truncated.

SQL> select * from orders;

no rows selected

SQL> rename orders to order_details;

Table renamed.

SQL> spool off;