Assignment 3

Create a table called Customer table with the following structure.

Name	Туре
Cust_id	Number
Cust_name	Varchar2(20)
Cust_street	Varchar2(20)
Cust_city	Varchar2(20)

Create a table called Cust_order table with the following structure.

Name	Туре
Order_id	Number
Order_no	Number
Cust_id	Number

Practice the queries using DDL and DML:

To create a table

Commands:

```
cust_city varchar(20) NOT NULL
);

use week3;
create table cust_order
(
    order_id Numeric,
    order_no Numeric NOT NULL,
    cust_id Numeric NOT NULL
);
```

A. Add constraint primary key and foreign key to the table.

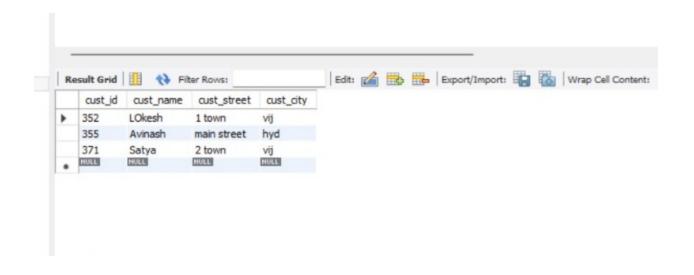
Commands:

```
use week3;
ALTER TABLE customer_table
ADD PRIMARY KEY (cust_id);
alter table cust_order
ADD constraint FK_cust_id
foreign key (cust_id) references customer_table(cust_id);
```

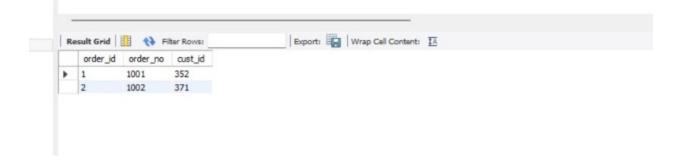
B. Insert records into the table with at least one entry of 'hyd' in cust_city.

Commands:

```
use week3;
INSERT INTO customer_table VALUES
(352,'LOkesh','1 town','vij'),
(371,'Satya','2 town','vij'),
(355,'Avinash','main street','hyd');
```



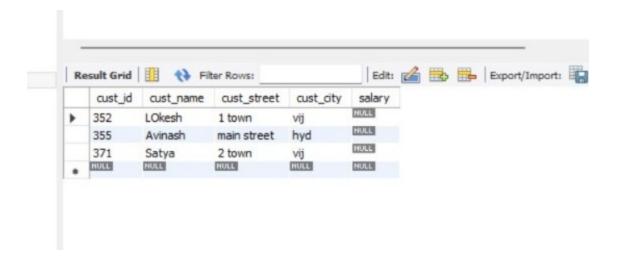
use week3; INSERT INTO cust_order VALUES (1,1001,352), (2,1002,371);



C. Add the salary column to the Customer table.

Commands:

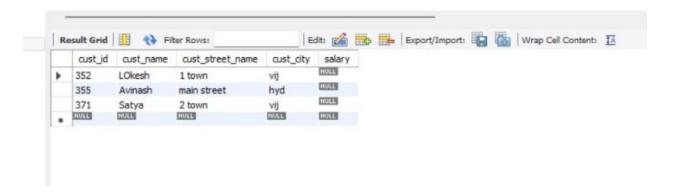
use week3;
ALTER TABLE customer_table
ADD salary INT;



D. Change the column name from Cust_street to Cust_street_name.

Commands:

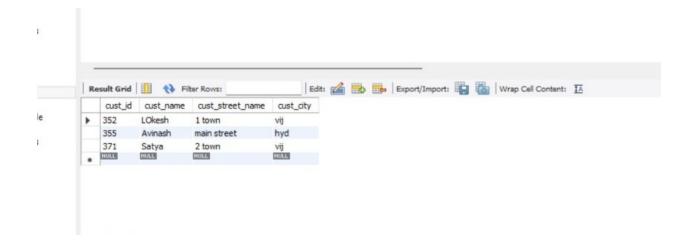
use week3;
ALTER TABLE customer_table
rename column cust_street to cust_street_name;



E. Drop the salary column of the Customer table.

Commands:

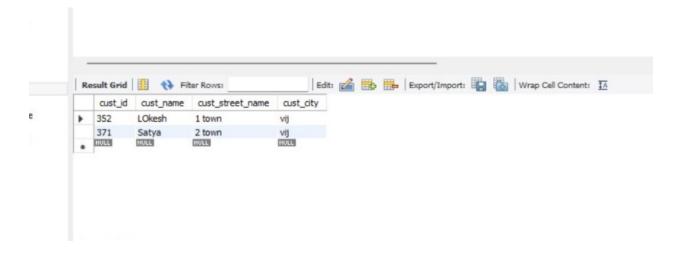
use week3;
ALTER TABLE customer_table drop column salary;



F. Delete the rows of Customer table whose cust_city is 'hyd'

Commands:

use week3;
delete from customer_table where cust_city = 'hyd';



G. Add constraint not null to Order_no

Commands:

```
use week3;
alter table cust_order
MODIFY COLUMN order_no INT NOT NULL;
```

use week3; INSERT INTO cust_order VALUE (1,null,352);

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0	38 10:22:42 alter table cust_order MODIFY COLUMN order_no INT NOT NULL	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.031 sec
0	39 10:24:10 use week3	0 row(s) affected	0.000 sec
0	40 10:24:10 INSERT INTO cust_order VALUE (1,null,352)	Error Code: 1048. Column 'order_no' cannot be null	0.000 sec