UBER EATS DATABASE

ABSTRACT

Different varieties of food have a growing demand these days. People want to enjoy different cuisines all over the world. But with increase of restaurants day-by-day dining out or takeaway is a difficult choice. An online food ordering system like “Uber Eats” shows an easy way out by bringing food to your doorstep. Customers can order food from any place and at any time provided network connection is available. “Uber Eats” provides customers with a variety of restaurants to order from. Various details of restaurant are given, like rating and food menu, making the choice of customer easy. Live tracking of order is provided. Apart from this, refund is provided when the correct order is not delivered or when the customer is not satisfied with the food. “Uber Eats” is the best choice for people looking for good food.

“Good food equals good mood”

REQUIREMENT ANALYSIS

List of tables:

- *Restaurant Details*
- *Customer Details*
- *Reservation*
- *Order Details*
- *Orders*
- *Payment*
- *Pays*
- *Order From*
- *Contains*
- *Reserve In*
- *Reserves*
- *Order By*

List of attributes with their domain types:

- *Customer Details*
  1. Customer Id – varchar (Primary key)
  2. Password - varchar
  3. Gmail account – varchar
  4. Name-char
  5. Phone number - Number
  6. Rating Given – Number
  7. Address – varchar

∨ *Restaurant Details*

1. Opening and Closing Time – Time
2. Location – varchar
3. Food Item – char
4. Cost – Number
5. Rating – Number
6. Restaurant Id – varchar (Primary key)

∨ *Reservation*

1. Booking Id – varchar (Primary Key)

∨ *Order Details*

1. Location – varchar
2. Price – Number
3. Time of Delivery – Time
4. Order Id – Number (Primary Key)

∨ *Payment*

1. Date – date
2. Time – time
3. Type – varchar
4. Cash – Number
5. Transaction Id – Number (Primary Key)

∨ *Orders*

1. Order Id – varchar (Foreign key)
2. Customer Id – varchar (Foreign key)

∨ *Pays*

1. Order Id – varchar (foreign key)
2. Transaction Id – varchar (foreign key)

∨ *Reserves*

1. Restaurant Id – varchar (Foreign key)
2. Customer Id – varchar (Foreign key)

∨ *Order From*

1. Restaurant Id – varchar (Foreign key)
2. Order Id – varchar (Foreign key)

∨ *Contains*

1. Restaurant Id – varchar (Foreign key)

∨ *Order By*

1. Customer Id – varchar (Foreign key)

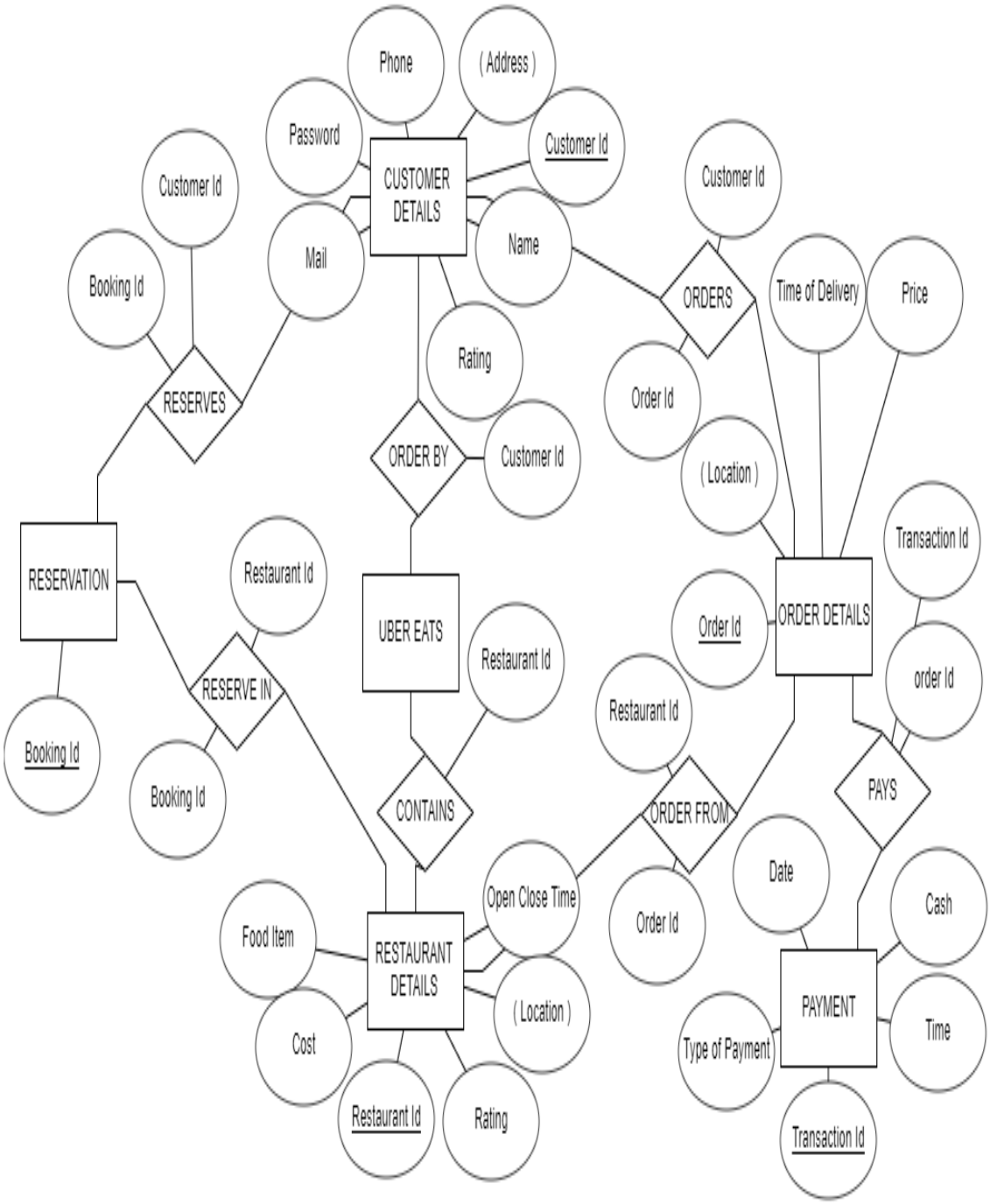
∨ *Reserves In*

1. Booking Id – Number (Foreign key)
2. Restaurant Id – varchar (Foreign key)

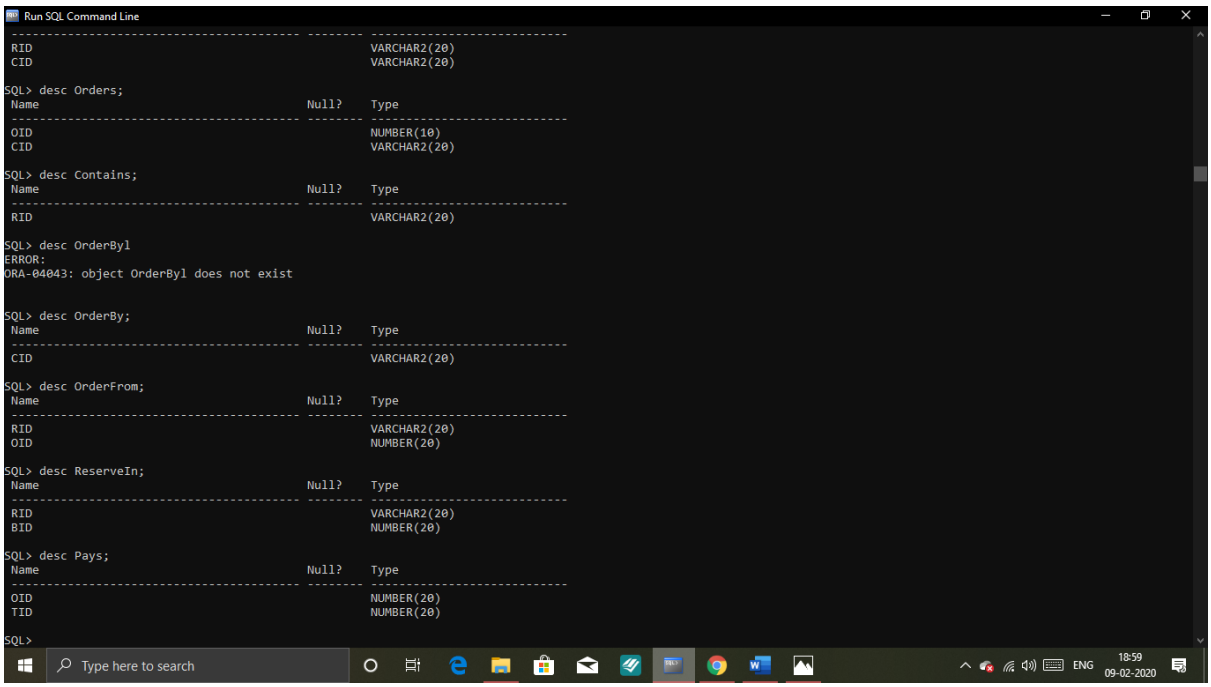
MAPPING CARDINALITIES
And
PARTICIPATION CONSTRAINTS

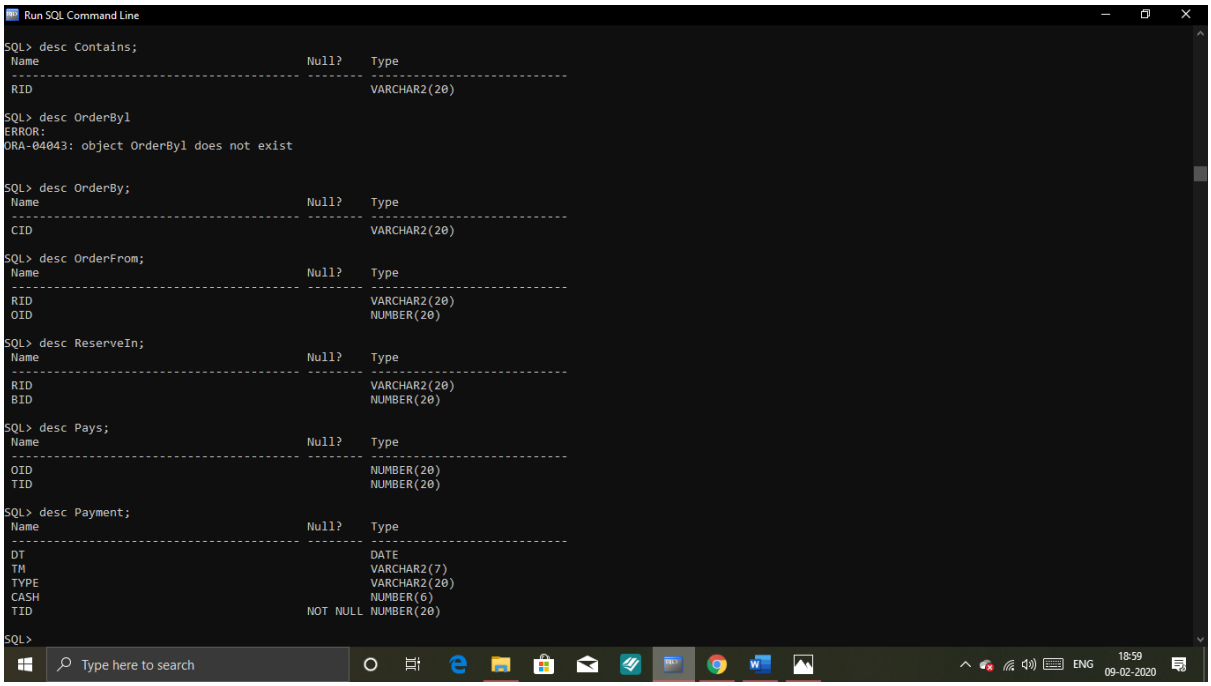
- Customer Details(one) Reserves Reservation(many) – Partial Participation
- Customer Details(many) Orders Order Details(many) – Partial Participation
- Reservation (many) Reserve in Restaurant Details(one)
- Order Details(many) Order from Restaurant Details(one)
- Order Details (one) Pays Payment(one)

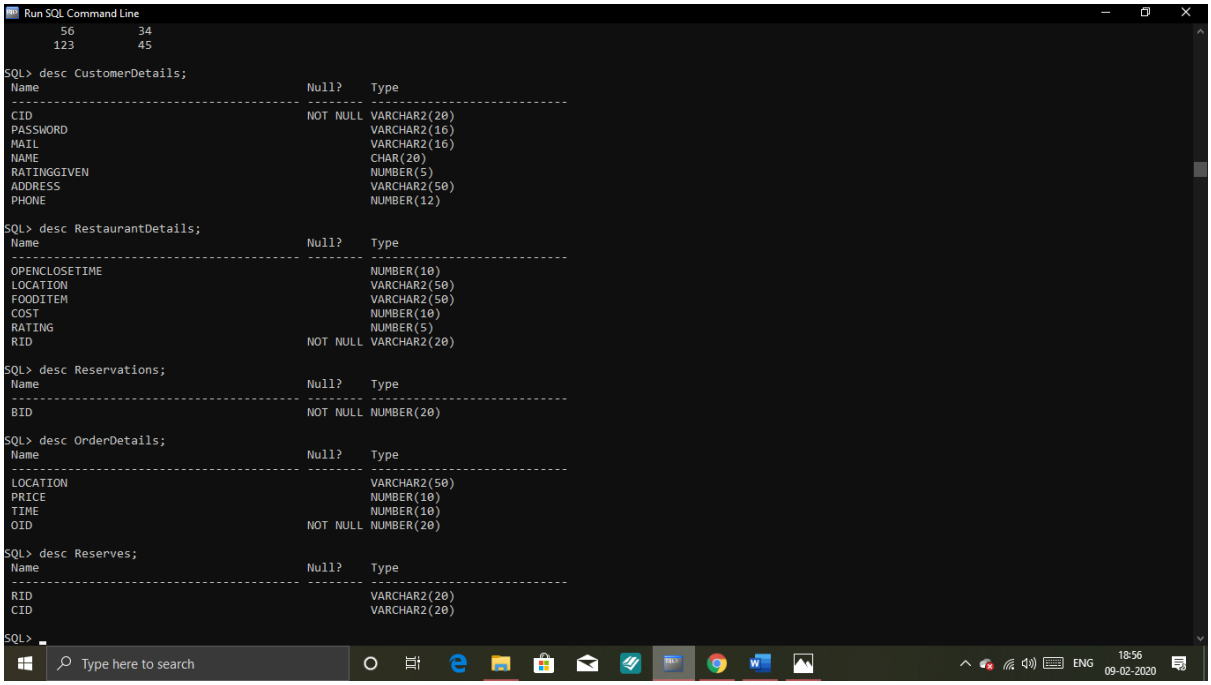
E R DIAGRAM


Phone
(Address)
Password
Customer Id
CUSTOMER DETAILS
Customer Id
Customer Id
Booking Id
Mail
Name
ORDERS
Time of Delivery
Price
Rating
RESERVES
Order Id
ORDER BY
Customer Id
(Location)
RESERVATION
Restaurant Id
UBER EATS
Restaurant Id
Transaction Id
Order Id
ORDER DETAILS
order Id
RESERVE IN
Booking Id
Booking Id
Restaurant Id
CONTAINS
ORDER FROM
PAYS
Open Close Time
Date
Cash
Food Item
RESTAURANT DETAILS
Order Id
(Location)
Cost
PAYMENT
Time
Type of Payment
Restaurant Id
Rating
Transaction Id

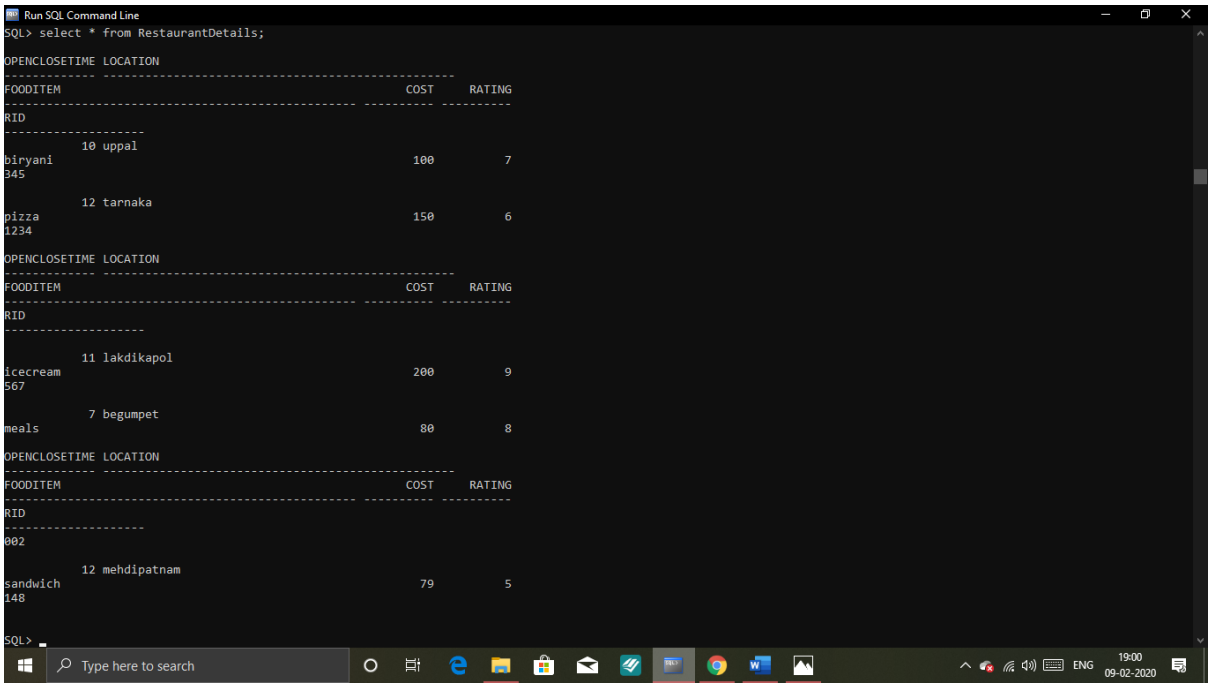
DDL COMMANDS

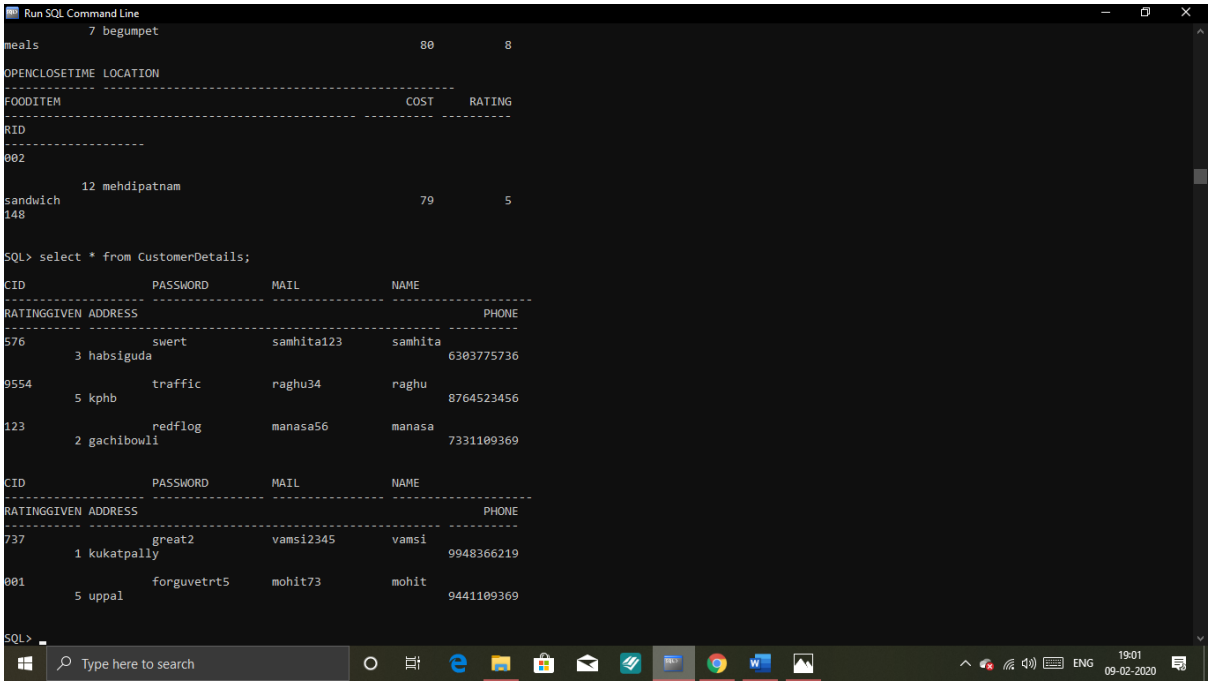


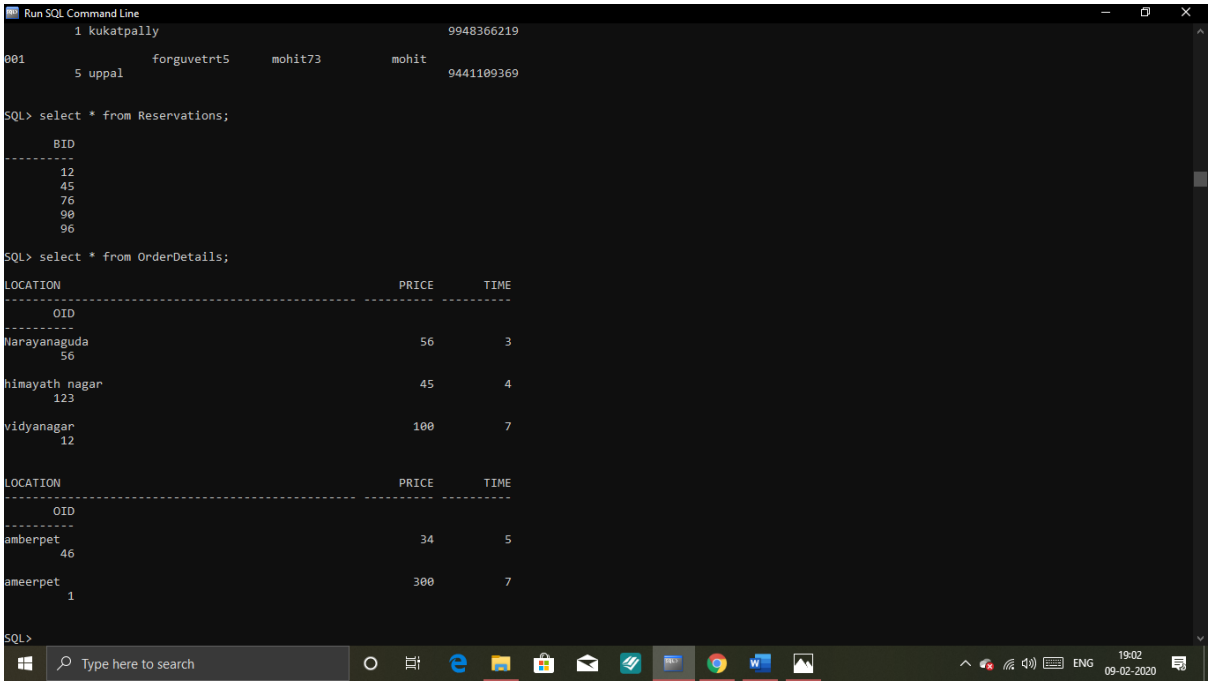


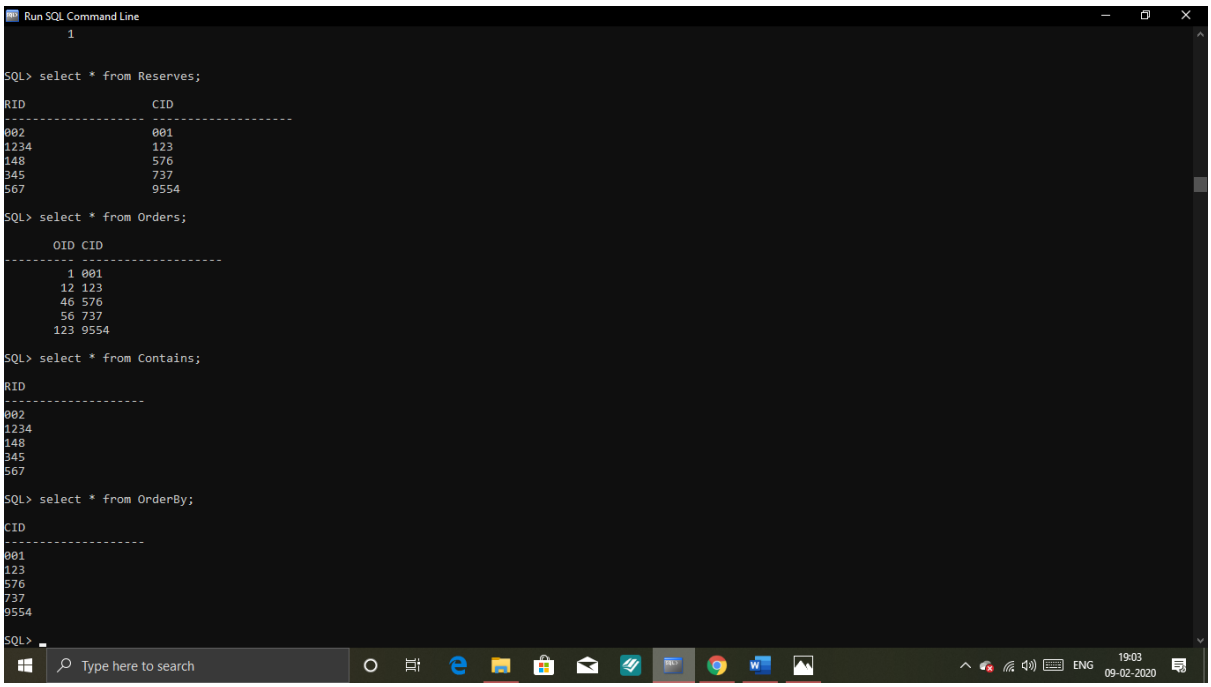

Run SQL Command Line
56 34
123 45
SQL> desc CustomerDetails;
Name Null? Type
CID NOT NULL VARCHAR2(20)
PASSWORD VARCHAR2(16)
MAIL VARCHAR2(16)
NAME CHAR(20)
RATINGGIVEN NUMBER(5)
ADDRESS VARCHAR2(50)
PHONE NUMBER(12)
SQL> desc RestaurantDetails;
Name Null? Type
OPENCLOSETIME NUMBER(10)
LOCATION VARCHAR2(50)
FOODITEM VARCHAR2(50)
COST NUMBER(10)
RATING NUMBER(5)
RID NOT NULL VARCHAR2(20)
SQL> desc Reservations;
Name Null? Type
BID NOT NULL NUMBER(20)
SQL> desc OrderDetails;
Name Null? Type
LOCATION VARCHAR2(50)
PRICE NUMBER(10)
TIME NUMBER(10)
OID NOT NULL NUMBER(20)
SQL> desc Reserves;
Name Null? Type
RID VARCHAR2(20)
CID VARCHAR2(20)
SQL>
Type here to search
ENG
18:56
09-02-2020

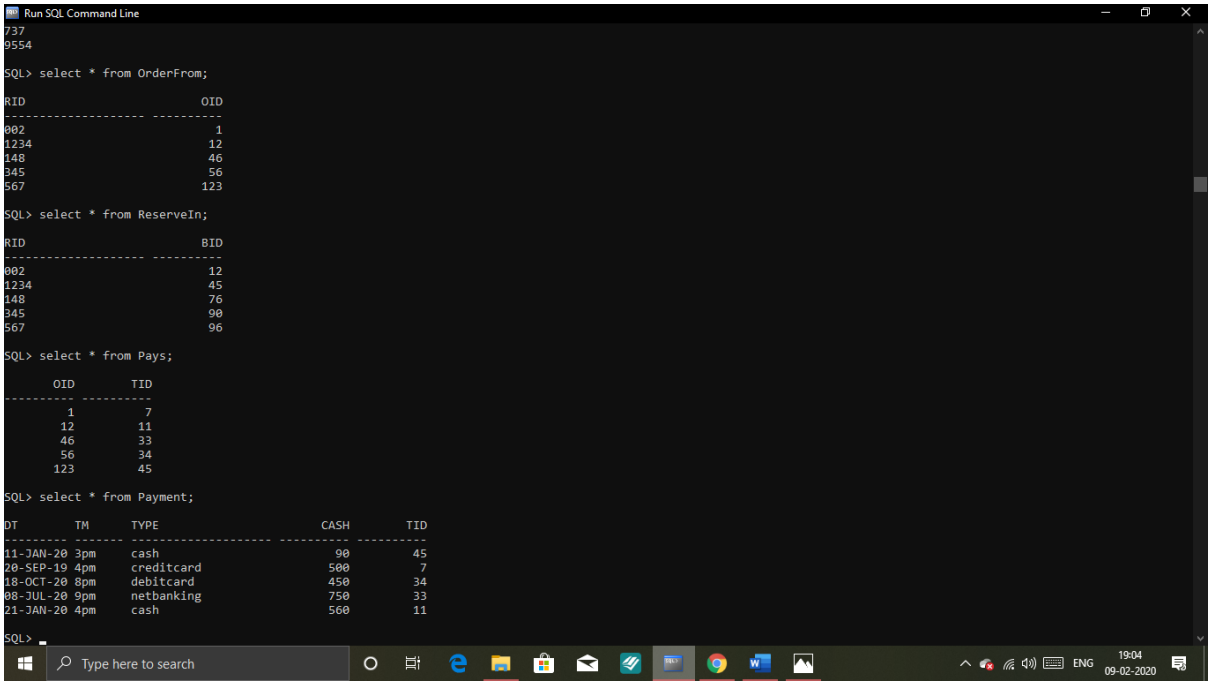
DML COMMANDS






Run SQL Command Line
1 kukatpally 9948366219
001 forguvetrt5 mohit73 mohit
5 uppal 9441109369
SQL> select * from Reservations;
BID
12
45
76
90
96
SQL> select * from OrderDetails;
LOCATION PRICE TIME
OID
Narayanaguda 56 3
56
himayath nagar 45 4
123
vidyanagar 100 7
12
LOCATION PRICE TIME
OID
amberpet 34 5
46
ameerpet 300 7
1
SQL>
Type here to search
ENG
19:02
09-02-2020


Run SQL Command Line
1
SQL> select * from Reserves;
RID CID
002 001
1234 123
148 576
345 737
567 9554
SQL> select * from Orders;
OID CID
1 001
12 123
46 576
56 737
123 9554
SQL> select * from Contains;
RID
002
1234
148
345
567
SQL> select * from OrderBy;
CID
001
123
576
737
9554
SQL>
Type here to search
ENG
19:03
09-02-2020


Run SQL Command Line
737
9554
SQL> select * from OrderFrom;
RID OID
002 1
1234 12
148 46
345 56
567 123
SQL> select * from ReserveIn;
RID BID
002 12
1234 45
148 76
345 90
567 96
SQL> select * from Pays;
OID TID
1 7
12 11
46 33
56 34
123 45
SQL> select * from Payment;
DT TM TYPE CASH TID
11-JAN-20 3pm cash 90 45
20-SEP-19 4pm creditcard 500 7
18-OCT-20 8pm debitcard 450 34
08-JUL-20 9pm netbanking 750 33
21-JAN-20 4pm cash 560 11
SQL>
Type here to search
ENG
19:04
09-02-2020