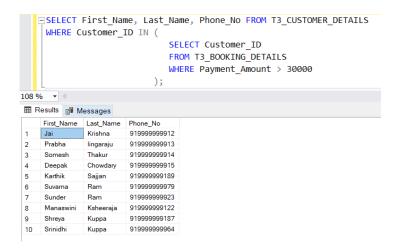
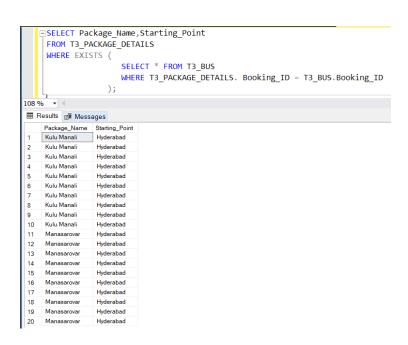
Karthik Sajjan 19bcs049

1. Write 5 Nested Queries for your respective database- the queries should not be very similar like just changing the where clause or just building all the queries on only one or two tables etc. The queries should make sense, it should cover most part of your database tables.

QUERY 1



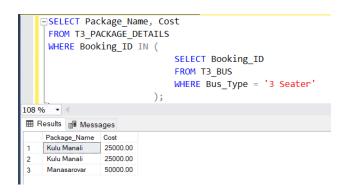
QUERY 2



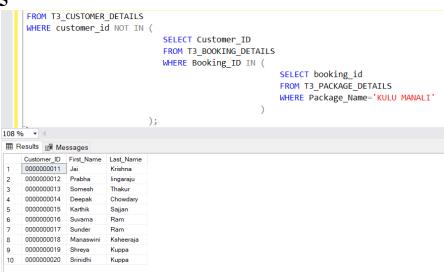
QUERY 3

```
SELECT Customer_ID, First_Name ,Age, Gender FROM T3_CUSTOMER_DETAILS
     WHERE Customer_ID IN (
                                 SELECT Customer_ID
                                FROM T3_BOOKING_DETAILS
WHERE Booking_ID IN (
                                                             SELECT Booking_ID
                                                             FROM T3_DESTINATION_DETAILS
                                                             WHERE Hotel_Name =
                                                                                   'Gurugrantha Choultry'
                              );
108 % 🔻 🖪
Customer_ID First_Name
0000000011 Jai
     0000000012
               Prabha
                         41
     0000000013 Somesh
     0000000014 Deepak
     0000000014 Deepak
     0000000016 Suvarna
     0000000017
               Sunder
     0000000018 Manaswini
     0000000019 Shreya
     0000000020 Srinidhi
```

QUERY 4



QUERY 5



2. Illustrate how we can use CONCAT and AS operators in SQL (minimum 3 queries)

QUERY 1

```
SELECT CONCAT(Bus_ID, ' ', Bus_Type) AS Bus_Details, Booking_ID, DateAndTime_of_Arrival, DateAndTime_of_Departure
FROM T3_BUS;
 Bus_Details Booking_ID
8714 Sleeper 0100001
8714 Sleeper 0100002
                                           DateAndTime_Of_Arrival DateAndTime_Of_Departure 2021-03-04 15:15:00.000 2021-03-06 15:15:00.000
                                           2021-03-04 15:15:00.000 2021-03-06 15:15:00.000
        8714 Sleeper 0100002
8714 Sleeper 0100003
8714 Sleeper 0100004
8714 Sleeper 0100005
8714 Sleeper 0100006
                                            2021-03-04 15:15:00.000
                                                                           2021-03-06 15:15:00.000
                                                                           2021-03-06 15:15:00.000
         8714 Sleeper 0100007
                                           2021-03-04 15:15:00.000 2021-03-06 15:15:00.000
        8714 Sleeper 0100008
                                           2021-03-04 15:15:00.000 2021-03-06 15:15:00.000
        8714 Sleeper
8714 Sleeper
8714 Sleeper
6938 Sleeper
                           0100008
0100009
0100010
0200011
                                           2021-03-04 15:15:00.000 2021-03-06 15:15:00.000 2021-03-04 15:15:00.000 2021-03-06 15:15:00.000 2021-03-04 05:30:00.000 2021-03-08 15:15:00.000 2021-03-04 05:30:00.000 2021-03-08 15:15:00.000
        6938 Sleeper
                           0200012
                                           2021-03-04 05:30:00.000 2021-03-08 15:15:00.000
        6938 Sleeper
                           0200013
                                           2021-03-04 05:30:00.000
                                                                           2021-03-08 15:15:00.000
        6938 Sleeper
6938 Sleeper
6938 Sleeper
                           0200014
                                            2021-03-04 05:30:00.000
                                                                           2021-03-08 15:15:00.000
                                           2021-03-04 05:30:00.000
2021-03-04 05:30:00.000
2021-03-04 05:30:00.000
2021-03-04 05:30:00.000
                                                                           2021-03-08 15:15:00.000
         6938 Sleeper
                           0200017
         6938 Sleeper 0200018
                                           2021-03-04 05:30:00.000 2021-03-08 15:15:00.000
         6938 Sleeper 0200019
                                            2021-03-04 05:30:00.000 2021-03-08 15:15:00.000
                                           2021-03-04 05:30:00.000 2021-03-08 15:15:00.000
```

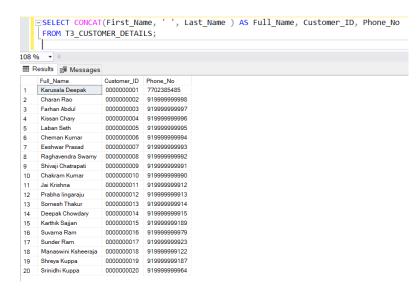
QUERY 2

```
SELECT CONCAT(Package_Name, ',', Package_Description ) AS Package
FROM T3_PACKAGE_DETAILS
WHERE Booking_ID = 0100009 OR Booking_ID = 0200013;

108 % 

BResults Messages
Package
1 Kulu Manali.Chill Outl
2 Manasarovar,Have a nice glimpse of Nature!
```

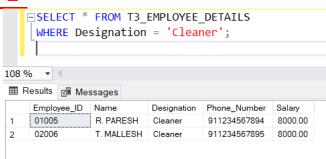
QUERY 3



3. Illustrate all the Comparison operator (2 queries for each operator)

Operator	Description
=	Equal to.
>	Greater than.
<	Less than.
>=	Greater than equal to.
<=	Less than equal to.
<>	Not equal to.

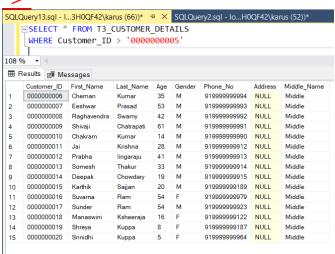
QUERY 1 FOR "="



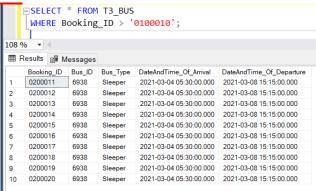
QUERY 2 FOR "="



QUERY 1 FOR ">"



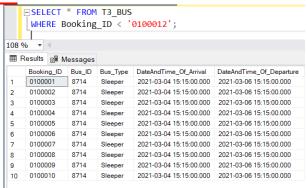




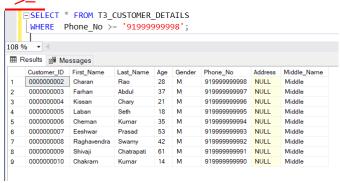
QUERY 1 FOR "<"



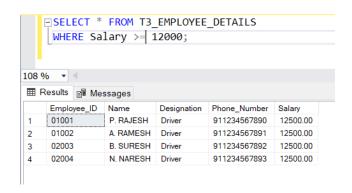
QUERY 2 FOR "<"



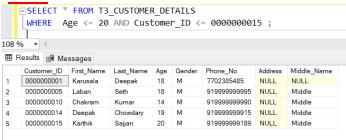
QUERY 1 FOR ">="



QUERY 2 FOR <u>">="</u>



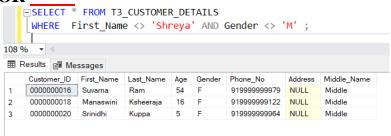
QUERY 1 FOR "<="



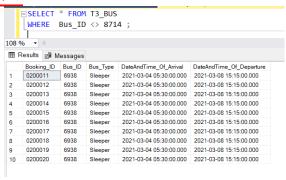
QUERY 2 FOR "<="



QUERY 1 FOR "<>"



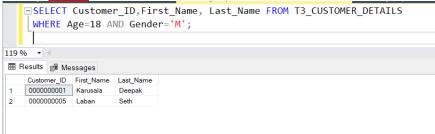
QUERY 2 FOR "<>"



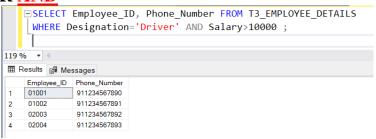
4. Illustrate Logical operators except ANY, ALL and Like (2 queries for each operator)

Logical Operator	Description
AND	Both the conditions mentioned in the WHERE
	clause should be TRUE.
OR	At least one of the conditions mentioned in the
	WHERE clause should be TRUE.
NOT	The mentioned condition should be false in the
	WHERE clause.
IN	Is used to search for specified value matches any
	value in set of multiple values.
BETWEEN	Is used to get values within a range.

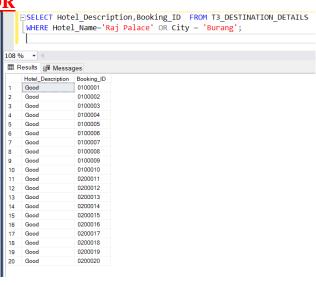
QUERY 1 FOR AND



QUERY 2 FOR AND



QUERY 1 FOR OR

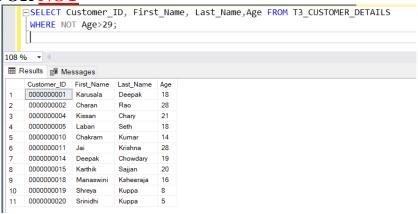


QUERY 2 FOR OR

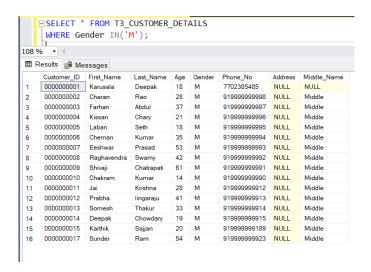
QUERY 1 FOR NOT



QUERY 2 FOR NOT



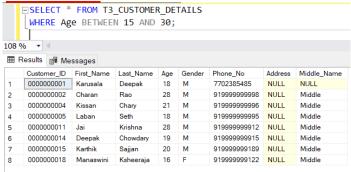
QUERY 1 FOR IN



QUERY 2 FOR IN



QUERY 1 FOR BETWEEN



QUERY 2 FOR BETWEEN

