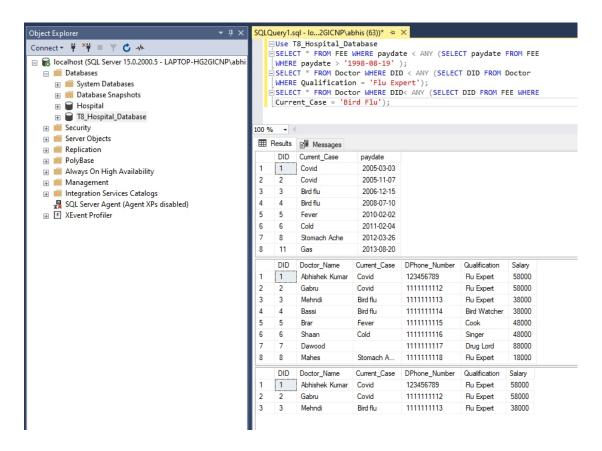
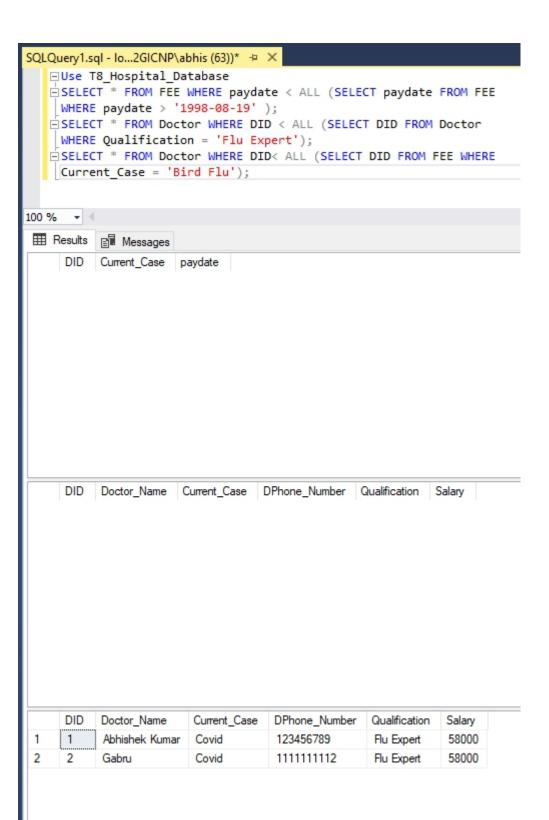
DBMS LAB ASSIGNMENT 5

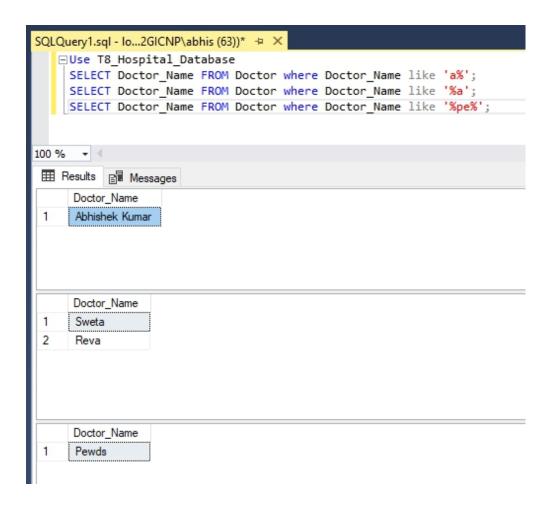
Name: Abhisek Rana

Reg No.: 19BCS003

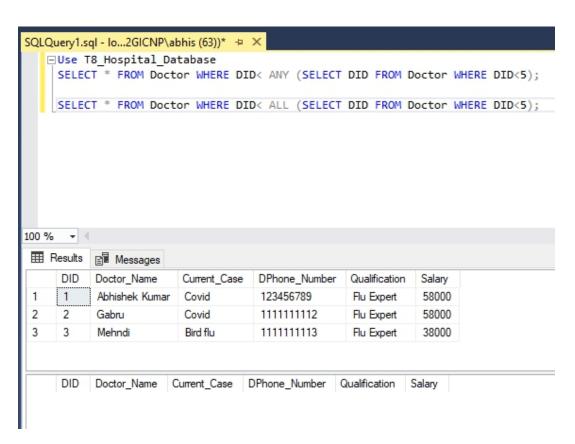
1. Illustrate logical ANY, ALL and LIKE operator- the queries should be relevant to your respective databases 3 queries for each operator. One query explaining the difference between ANY and ALL



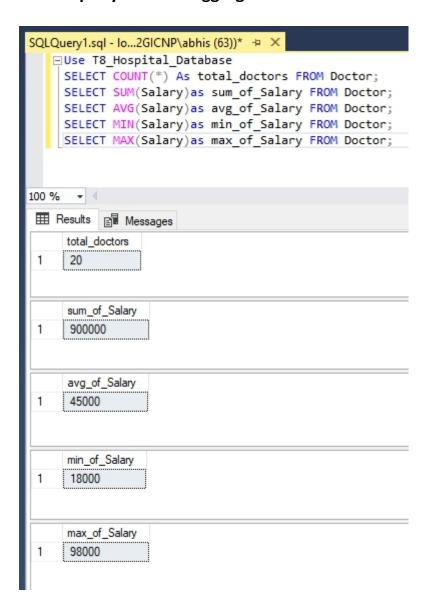




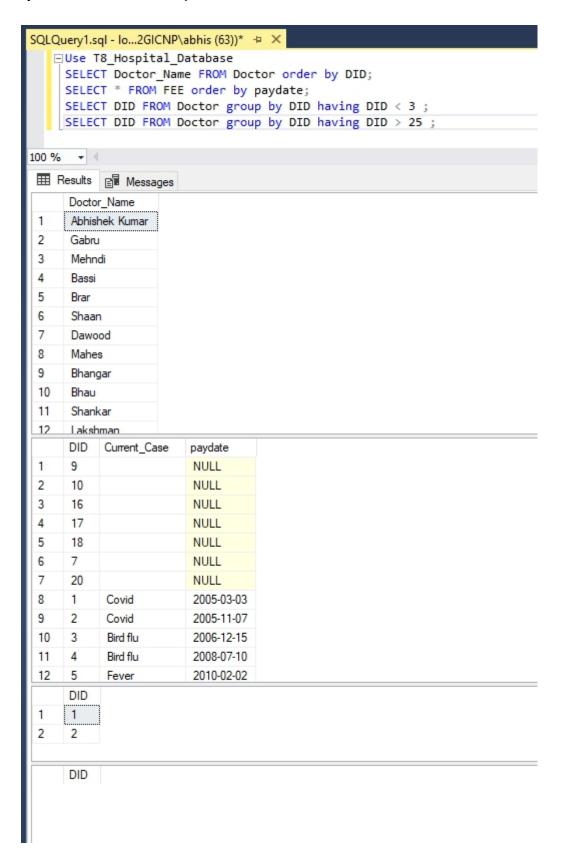
Difference in ALL and ANY:



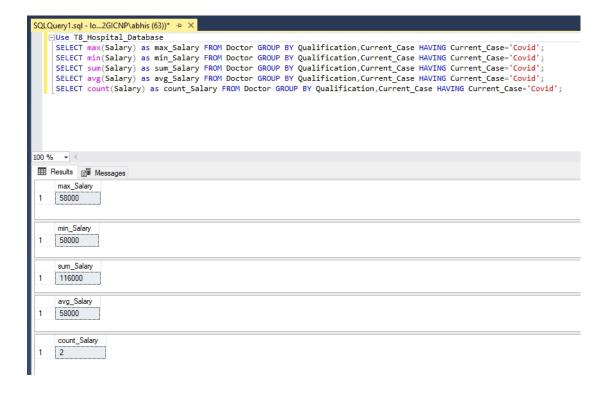
2. One query for each Aggregate function.



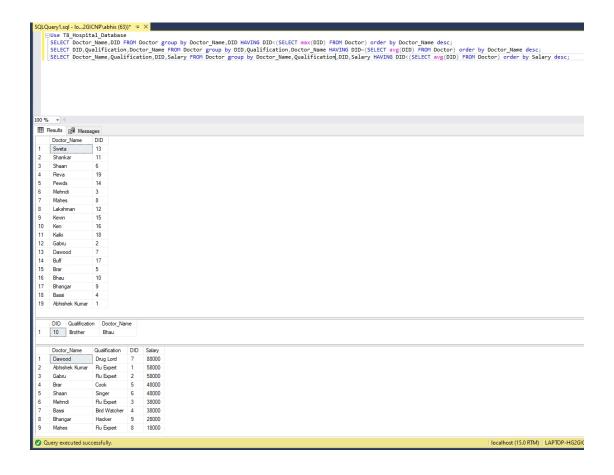
3. Illustrate the usage of order by, group by and having clause (2 queries for each case)



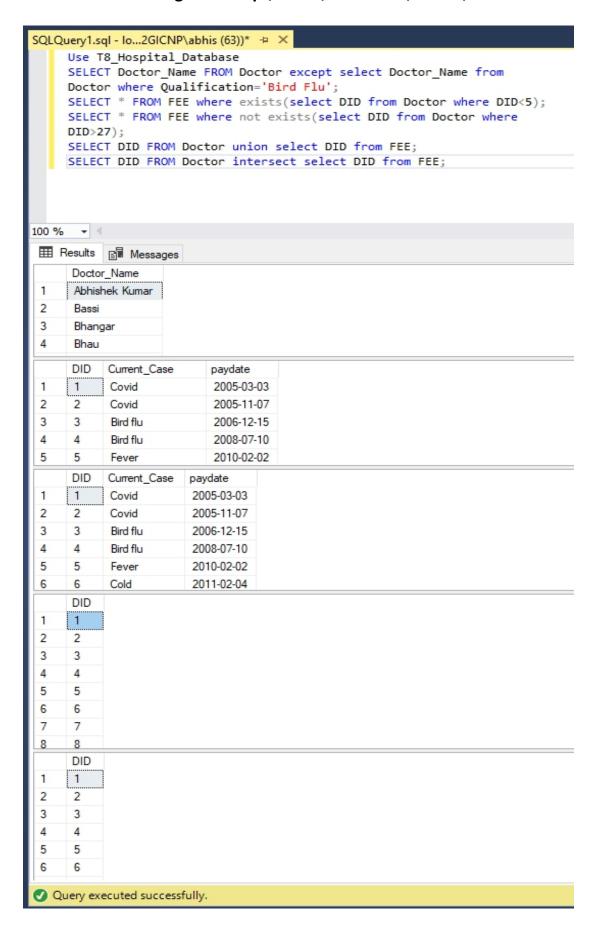
4. Use Aggregate function with group by and having



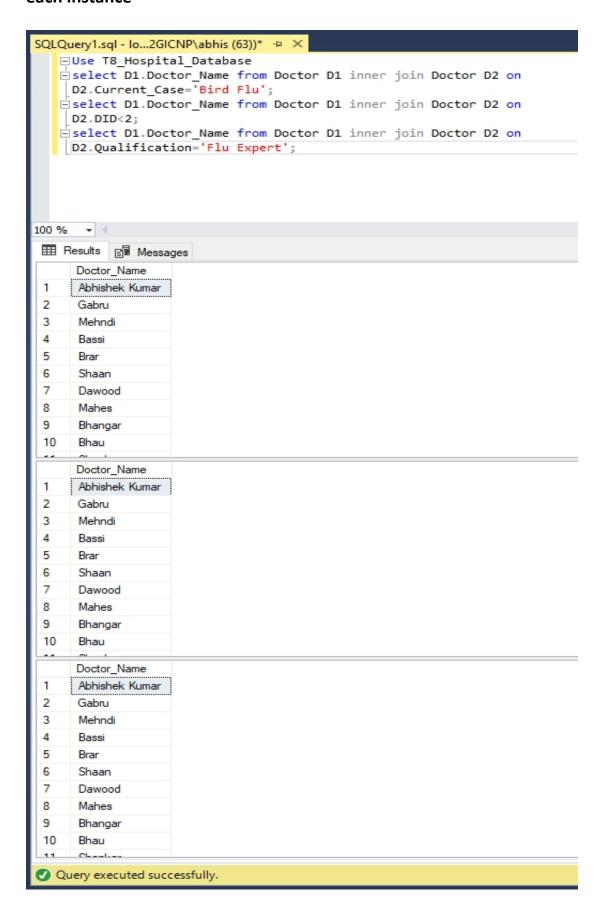
5. Write at least 3 nested queries using order by, group by and having clause.



6. Illustrate the Usage of Except, Exists, Not Exists, Union, Intersection



7. INNER JOIN, LEFT OUTER JOIN, RIGHT OUTER JOIN- 3 queries for each instance



```
SQLQuery1.sql - Io...2GICNP\abhis (63))* + ×

─ Use T8_Hospital_Database

   iselect D1.Doctor_Name from Doctor D1 left join Doctor D2 on
     D2.Current_Case='Bird Flu';
     select D1.Doctor_Name from Doctor D1 left join Doctor D2 on D2.DID<2;</pre>
   select D1.Doctor_Name from Doctor D1 left join Doctor D2 on
    D2.Qualification='Flu Expert';
100 % - 4
 Results 🗐 Messages
      Doctor_Name
      Abhishek Kumar
 2
      Abhishek Kumar
 3
      Gabru
 4
      Gabru
 5
      Mehndi
 6
      Mehndi
      Bassi
 8
      Bassi
 9
      Brar
 10
      Brar
      Doctor_Name
      Abhishek Kumar
 2
      Gabru
 3
      Mehndi
      Bassi
 5
      Brar
 6
      Shaan
 7
      Dawood
      Mahes
 9
      Bhangar
 10
      Bhau
      Doctor_Name
      Abhishek Kumar
 2
      Abhishek Kumar
 3
      Abhishek Kumar
 4
      Abhishek Kumar
 5
      Abhishek Kumar
 6
      Gabru
      Gabru
 8
      Gabru
 9
      Gabru
 10
      Gabru

    Query executed successfully.
```

```
SQLQuery1.sql - Io...2GICNP\abhis (63))* + X
   □Use T8 Hospital Database
   iselect D1.Doctor_Name from Doctor D1 right join Doctor D2 on
    D2.Current_Case='Bird Flu';
   select D1.Doctor_Name from Doctor D1 right join Doctor D2 on
    D2.DID<2;
   iselect D1.Doctor_Name from Doctor D1 right join Doctor D2 on
    D2.Qualification='Flu Expert';
100 % - <
Results 🖺 Messages
      Doctor_Name
      NULL
      NULL
 2
 3
      Abhishek Kumar
 4
      Gabru
 5
      Mehndi
 6
      Bassi
 7
      Brar
 8
      Shaan
 9
      Dawood
 10
      Mahes
      Doctor_Name
      Abhishek Kumar
 1
 2
      Gabru
 3
      Mehndi
 4
      Bassi
 5
      Brar
 6
      Shaan
 7
      Dawood
 8
      Mahes
 9
      Bhangar
 10
      Bhau
      Doctor_Name
     Abhishek Kumar
 2
      Gabru
 3
      Mehndi
 4
      Bassi
 5
      Brar
 6
      Shaan
      Dawood
 8
      Mahes
 9
      Bhangar
 10
      Bhau

    Query executed successfully.
```

8. Use all the above condition in JOIN as well.

