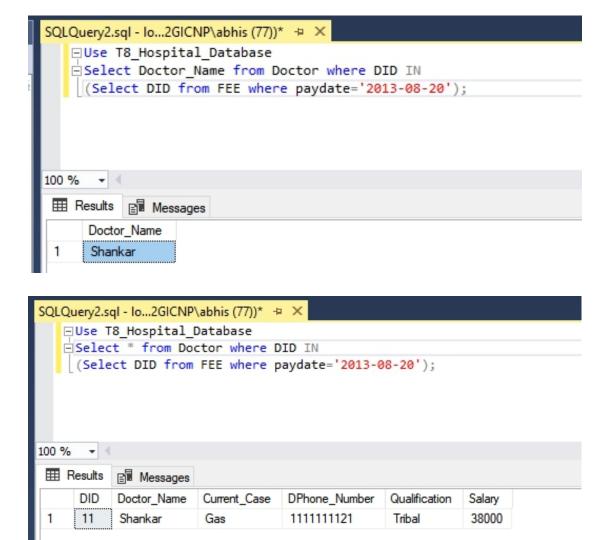
DBMS LAB ASSIGNMENT 4

Name: Abhisek Rana

Reg No.: 19BCS003

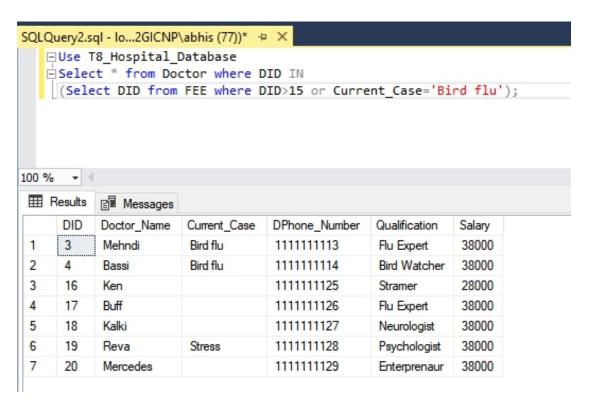
1. Write 5 Nested Queries for your respective database- the queries should not be very similar like just changing the where clause or just building all the queries on only one or two tables etc. The queries should make sense, it should cover most part of your database tables.

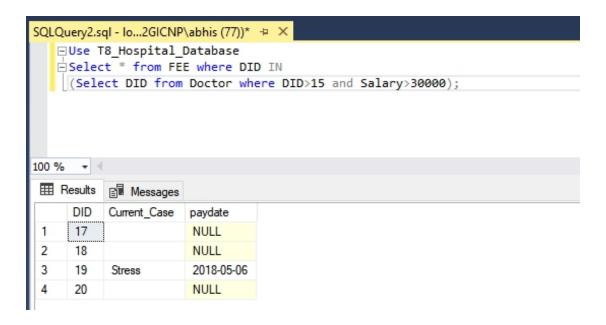


```
SQLQuery2.sql - Io...2GICNP\abhis (77))* → ×
   □Use T8_Hospital_Database
   □Select * from Doctor where DID IN
      (Select DID from FEE where paydate IN
     (Select paydate from FEE where paydate >'2015-01-01'));
100 %
       + 4

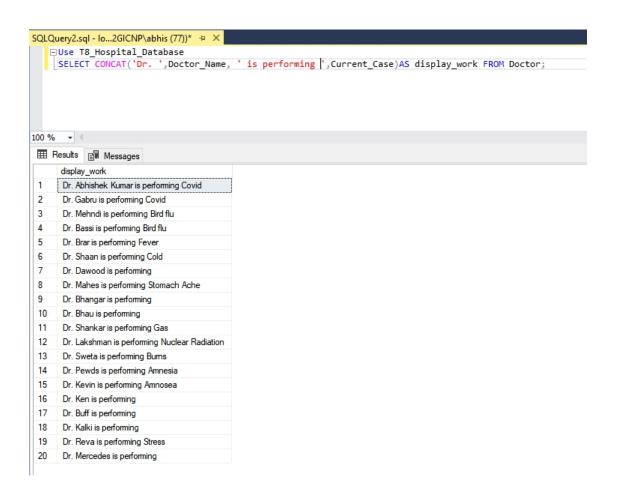
    ⊞ Results

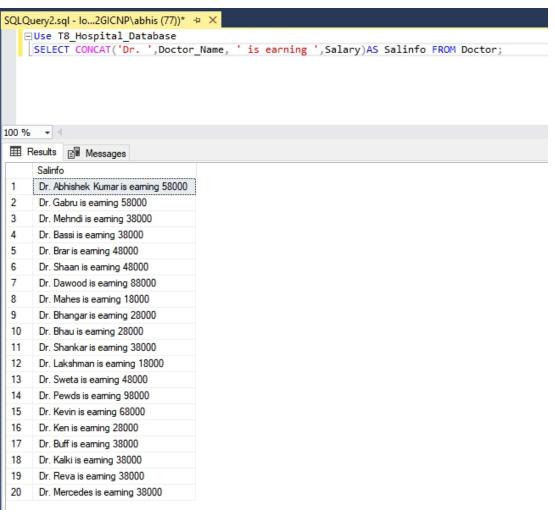
            Messages
      DID
            Doctor_Name
                          Current_Case
                                        DPhone_Number
                                                        Qualification
                                                                     Salary
 1
      13
            Sweta
                          Bums
                                        11111111122
                                                        Call Center
                                                                     48000
 2
             Pewds
                                                                     98000
                          Amnesia
                                        11111111123
                                                        Gamer
       14
                                                        Chaotic
                                                                     68000
 3
      15
             Kevin
                          Amnosea
                                        11111111124
 4
       19
             Reva
                          Stress
                                                        Psychologist
                                                                     38000
                                        11111111128
```

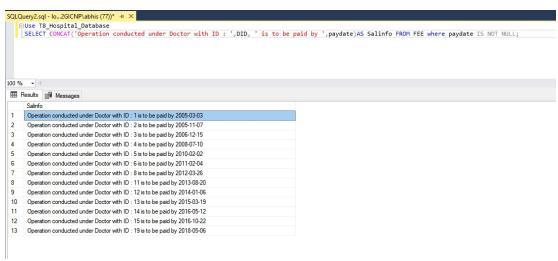




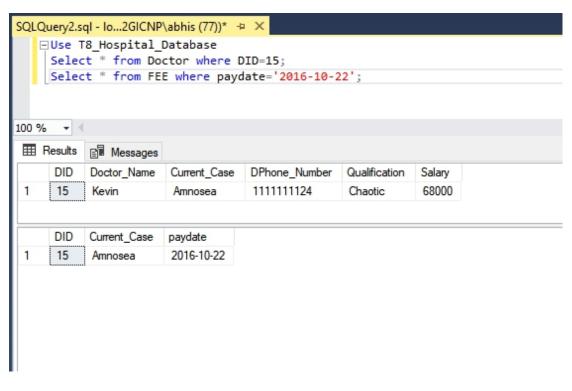
2. Illustrate how we can use Concat and As operators in SQL (minimum queries)

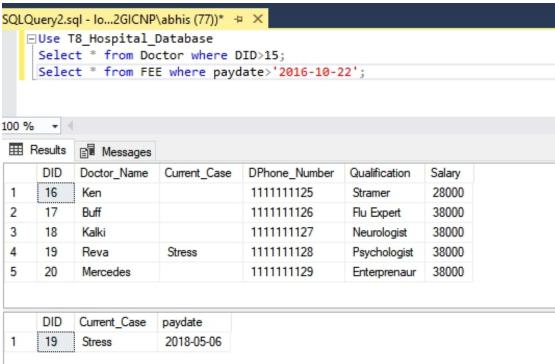


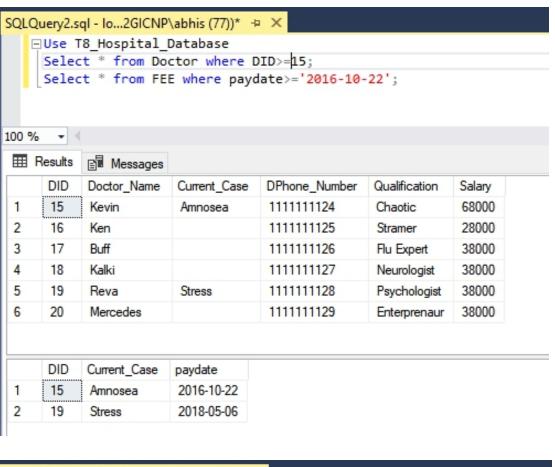


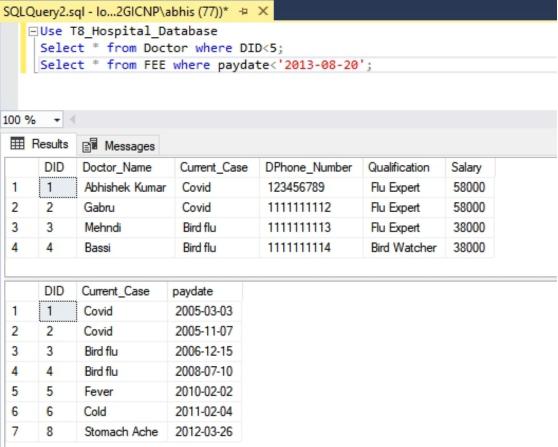


3. Illustrate all the Comparison operator (2 queries for each operator)









```
SQLQuery2.sql - Io...2GICNP\abhis (77))* 💠 🗙
   □Use T8_Hospital_Database
      Select * from Doctor where DID<=5;
    Select * from FEE where paydate<='2013-08-20';
100 % 🕶 🔻

    ⊞ Results

    Messages

      DID
             Doctor_Name
                             Current_Case
                                           DPhone_Number
                                                            Qualification
                                                                          Salary
      1
             Abhishek Kumar
                             Covid
                                            123456789
                                                             Flu Expert
                                                                           58000
 1
 2
             Gabru
                             Covid
                                                             Flu Expert
                                                                           58000
       2
                                            11111111112
 3
       3
             Mehndi
                             Bird flu
                                                             Flu Expert
                                            1111111113
                                                                           38000
 4
      4
             Bassi
                             Bird flu
                                            1111111114
                                                             Bird Watcher
                                                                           38000
 5
      5
             Brar
                             Fever
                                            1111111115
                                                             Cook
                                                                           48000
      DID
             Current_Case
                            paydate
      1
             Covid
                            2005-03-03
 1
 2
       2
             Covid
                            2005-11-07
 3
      3
             Bird flu
                            2006-12-15
                            2008-07-10
 4
      4
             Bird flu
 5
             Fever
      5
                            2010-02-02
 6
      6
             Cold
                            2011-02-04
 7
      8
             Stomach Ache
                            2012-03-26
 8
       11
             Gas
                            2013-08-20
```

```
SQLQuery2.sql - Io...2GICNP\abhis (77))* → ×
    Use T8_Hospital_Database
      Select * from Doctor where DID<>5;
      Select * from FEE where paydate<>'2013-08-20';
        + 4
100 %

    ⊞ Results

    Messages

       DID
              Doctor_Name
                               Current_Case
                                                  DPhone_Number
                                                                    Qualification
                                                                                   Salary
       1
              Abhishek Kumar
                               Covid
                                                  123456789
                                                                     Flu Expert
                                                                                   58000
 1
 2
              Gabru
                                                                                   58000
                               Covid
                                                  1111111112
                                                                     Flu Expert
 3
       3
              Mehndi
                               Bird flu
                                                  1111111113
                                                                     Flu Expert
                                                                                   38000
 4
       4
              Bassi
                               Bird flu
                                                                     Bird Watcher
                                                                                   38000
                                                  11111111114
 5
       6
              Shaan
                               Cold
                                                                                   48000
                                                  1111111116
                                                                     Singer
 6
       7
              Dawood
                                                                                   88000
                                                                     Drug Lord
                                                  1111111117
 7
              Mahes
       8
                               Stomach Ache
                                                                     Flu Expert
                                                                                   18000
                                                  11111111118
 8
       9
              Bhangar
                                                  1111111119
                                                                     Hacker
                                                                                   28000
 9
       10
              Bhau
                                                  11111111120
                                                                     Brother
                                                                                   28000
 10
       11
              Shankar
                               Gas
                                                  11111111121
                                                                     Tribal
                                                                                   38000
              Lakshman
                               Nuclear Radiation
                                                                     Medical
                                                                                   18000
       12
                                                  1111111130
 11
 12
              Sweta
                                                                     Call Center
                                                                                   48000
       13
                               Burns
                                                  11111111122
              Pewds
                                                                                   98000
 13
       14
                               Amnesia
                                                  11111111123
                                                                     Gamer
 14
       15
              Kevin
                               Amnosea
                                                  11111111124
                                                                     Chaotic
                                                                                   68000
 15
                                                                                   28000
       16
              Ken
                                                  1111111125
                                                                     Stramer
 16
       17
              Buff
                                                                     Flu Expert
                                                                                   38000
                                                  11111111126
 17
       18
              Kalki
                                                  1111111127
                                                                     Neurologist
                                                                                   38000
 18
       19
              Reva
                               Stress
                                                  11111111128
                                                                     Psychologist
                                                                                   38000
 19
       20
              Mercedes
                                                  11111111129
                                                                     Enterprenaur
                                                                                   38000
       DID
              Current_Case
                                paydate
       1
                                 2005-03-03
 1
              Covid
 2
       2
              Covid
                                 2005-11-07
 3
       3
              Bird flu
                                 2006-12-15
 4
       4
              Bird flu
                                 2008-07-10
 5
       5
              Fever
                                 2010-02-02
 6
       6
              Cold
                                 2011-02-04
 7
       8
              Stomach Ache
                                 2012-03-26
 8
       12
              Nuclear Radiation
                                 2014-01-06
 9
       13
              Bums
                                 2015-03-19
 10
                                 2016-05-12
       14
              Amnesia
 11
       15
              Amnosea
                                 2016-10-22
```

12

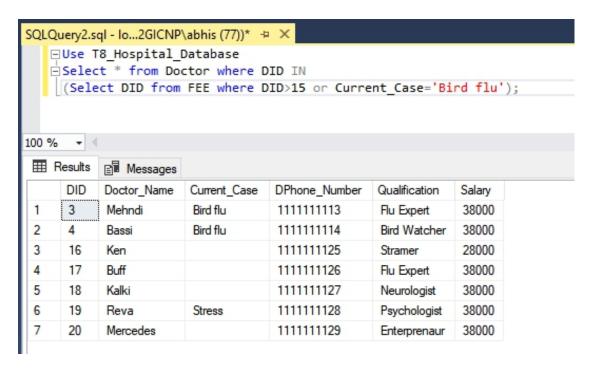
19

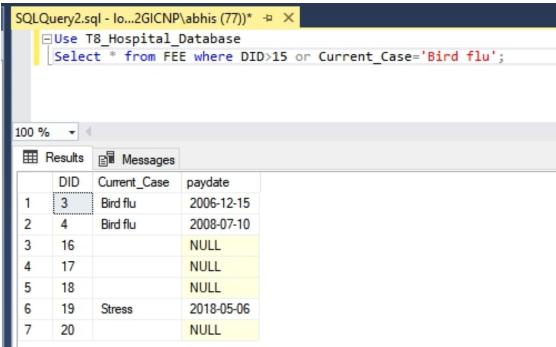
Stress

2018-05-06

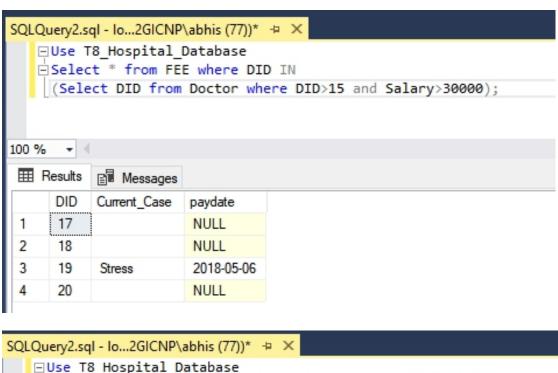
4. Illustrate Logical operators except ANY, ALL and Like (2 queries for each operator)

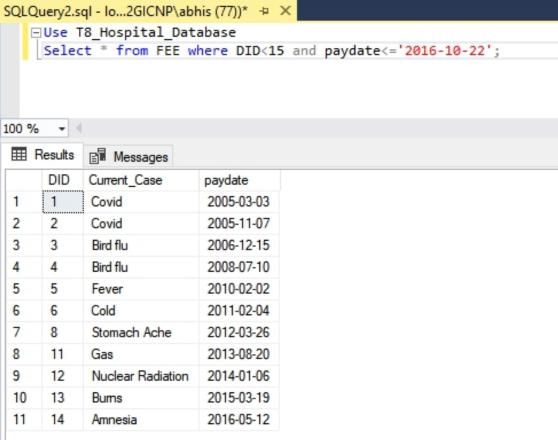
OR Operator



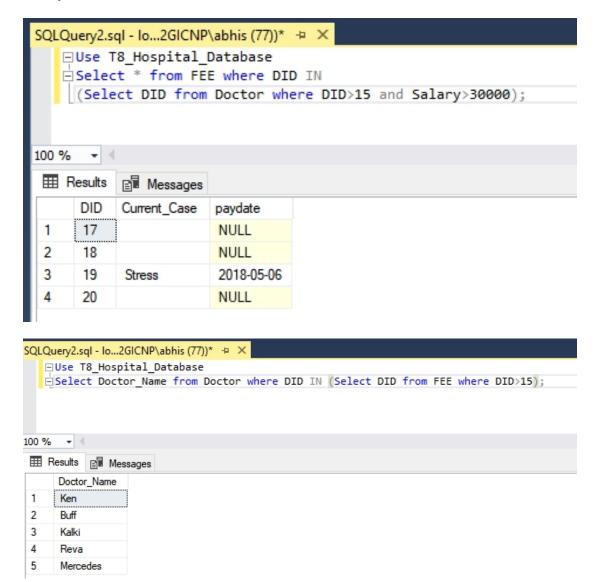


AND Operator

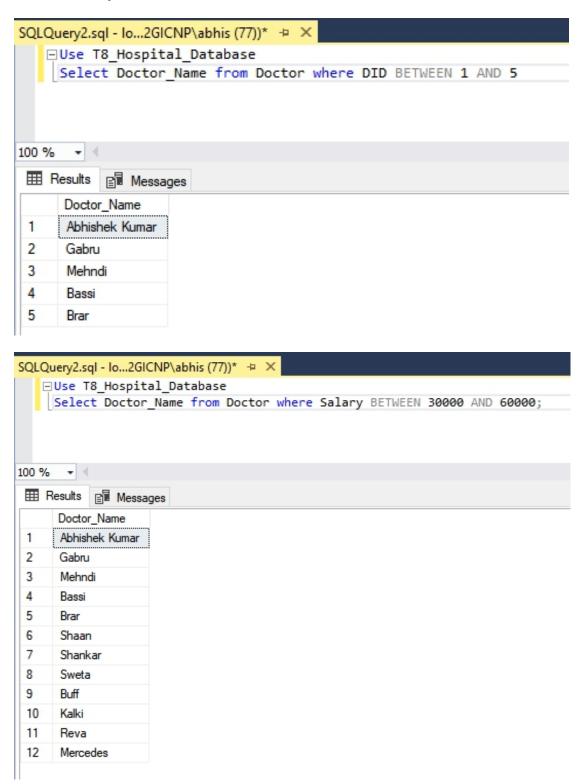




IN Operator



BETWEEN Operator



SOME Operator

