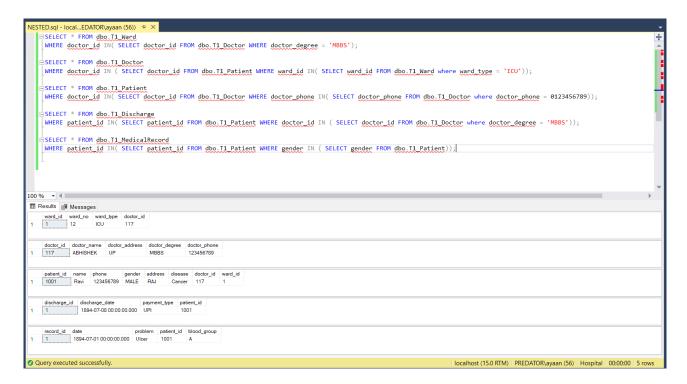
## **DBMS LAB ASSIGNMENT 4**

NAME – AYAAN KHAN REG NO – 19BCS013

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.



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

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

```
SCIQuery9sql-low_EDATOR\ayaan(51))* ** X

SELECT * FROM dbo_T1 Doctor where doctor id <= 102;

SELECT * FROM dbo_T1 Doctor where doctor id <= 105;

SELECT * FROM dbo_T1 Ward where ward_id >= 1;

SELECT * FROM dbo_T1 Doctor where doctor_name = 'KRISH';

SELECT * FROM dbo_T1 Doctor where doctor_name = 'KRISH';

SELECT * FROM dbo_T1 Doctor where doctor_id <= 105;

SELECT * FROM dbo_T1 Doctor where doctor_id <= 102;

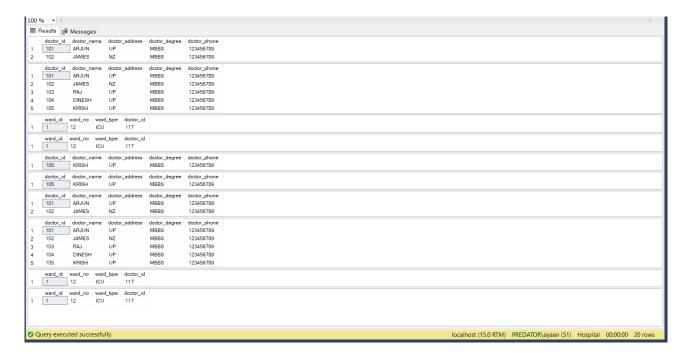
SELECT * FROM dbo_T1 Doctor where doctor_id <= 105;

SELECT * FROM dbo_T1 Doctor where doctor_id <= 105;

SELECT * FROM dbo_T1 Doctor where doctor_id <= 105;

SELECT * FROM dbo_T1 Doctor where ward_id != 102;

SELECT * FROM dbo_T1 Ward where ward_type != 'normal';
```



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

```
LOGsql-localhos..EDATOR\ayaan(51)) ** X

SELECT * FROM dbo.Tl Doctor WHERE doctor_name IN('ARJUN', 'Sreya');

SELECT * FROM dbo.Tl Doctor WHERE doctor_name NOT IN('ARJUN', 'Sreya');

SELECT * FROM dbo.Tl Doctor WHERE doctor_name NOT IN('ARJUN', 'Sreya');

SELECT * FROM dbo.Tl Doctor WHERE doctor_id NOT IN(102,103,104);

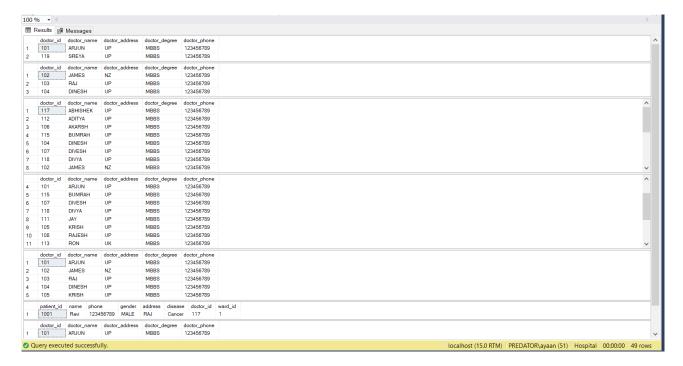
SELECT * FROM dbo.Tl Doctor WHERE doctor_id between 100 and 105;

SELECT * FROM dbo.Tl Patient WHERE doctor_id between 1000 and 1050;

SELECT * FROM dbo.Tl Doctor WHERE doctor_name = 'ARJUN' or doctor_name = 'RAJ';

SELECT * FROM dbo.Tl Doctor WHERE doctor_name = 'ARJUN' or doctor_name = 'RAJ';

SELECT * FROM dbo.Tl Ward WHERE ward id = 1 or ward no = 1;
```



| doctor\_id | doctor\_name | doctor\_address | doctor\_addre