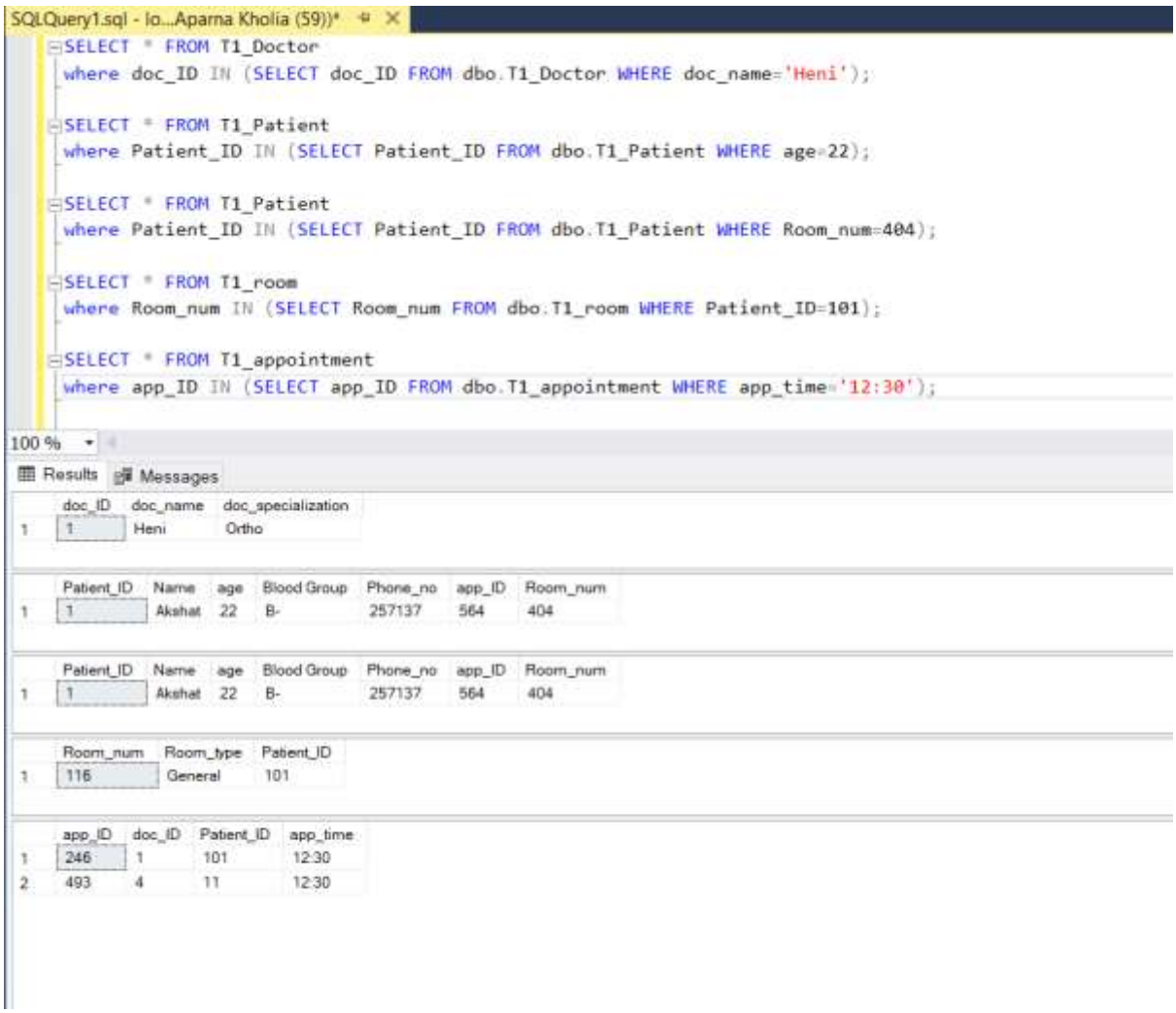
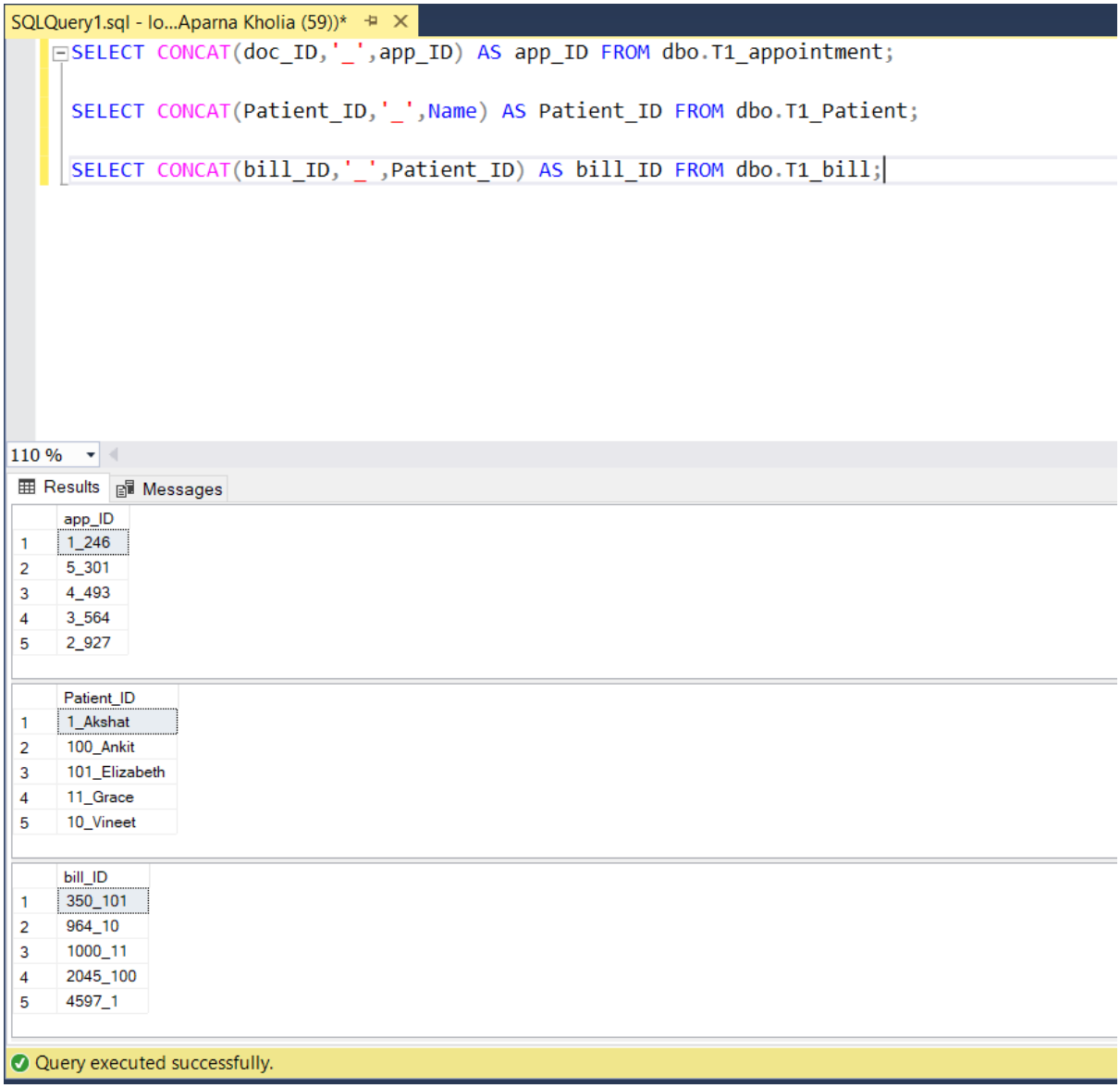
DBMS LAB ASSIGNMENT 4

Name: Aparna Kholia
Reg No: 19BCS116

1) 5 NESTED QUERIES



2) CONCAT and AS operators



3) COMPARISION OPERATORS

QUERIES:

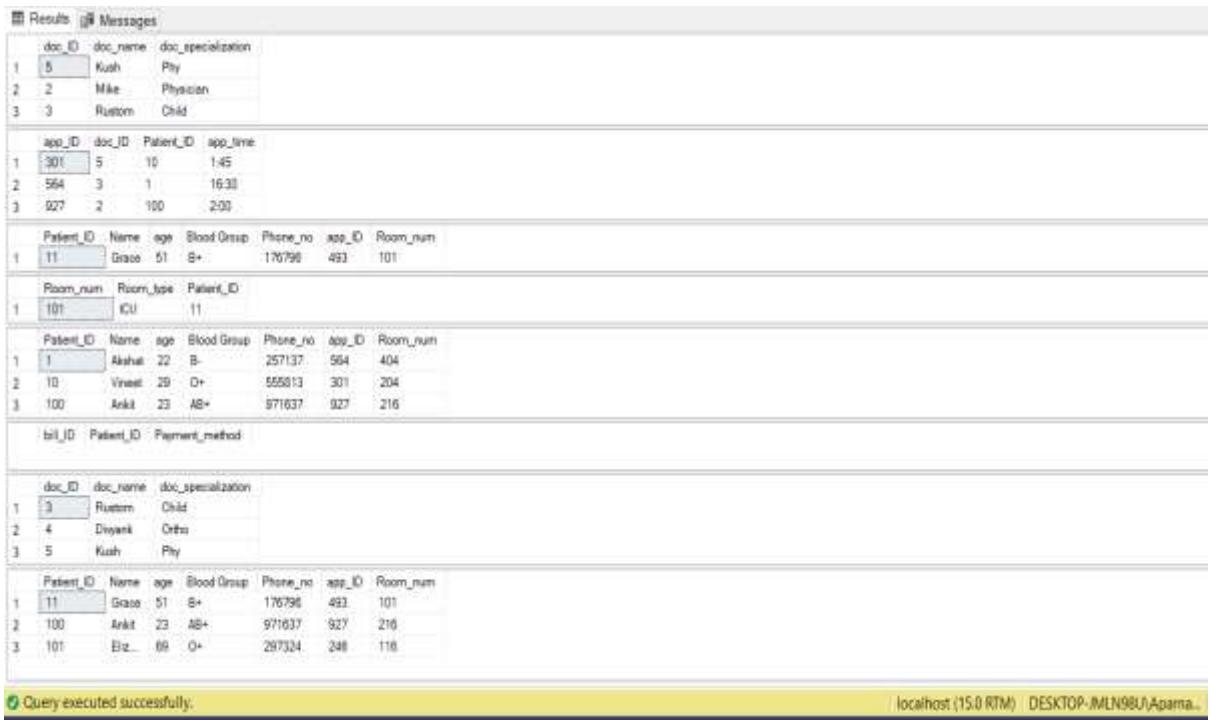
```
SELECT * from T1_Doctor where doc_specialization != 'Ortho';
SELECT * from T1_appointment where app_time != '12:30';

SELECT * from T1_Patient where [Blood Group] = 'B+';
SELECT * from T1_room where Room_type = 'ICU';

SELECT * from T1_Patient where age <= 50;
SELECT * from T1_bill where bill_ID <= 300;

SELECT * from T1_Doctor where doc_ID >= 3;
SELECT * from T1_Patient where Patient_ID >= 11;
```

OUTPUT:



Results Messages

	doc_ID	doc_name	doc_specialization
1	5	Kush	Phy
2	2	Mike	Physician
3	3	Rustom	Child

	app_ID	doc_ID	Patient_ID	app_time
1	301	5	10	1:45
2	564	3	1	16:30
3	927	2	100	2:00

	Patient_ID	Name	age	Blood Group	Phone_no	app_ID	Room_num
1	11	Grace	51	B+	176798	493	101

	Room_num	Room_type	Patient_ID
1	101	ICU	11

	Patient_ID	Name	age	Blood Group	Phone_no	app_ID	Room_num
1	1	Akshat	22	B-	257137	564	404
2	10	Vineet	29	O+	555813	301	204
3	100	Ankit	23	AB+	971637	927	216

	bill_ID	Patient_ID	Payment_method

	doc_ID	doc_name	doc_specialization
1	3	Rustom	Child
2	4	Divyank	Ortho
3	5	Kush	Phy

	Patient_ID	Name	age	Blood Group	Phone_no	app_ID	Room_num
1	11	Grace	51	B+	176798	493	101
2	100	Ankit	23	AB+	971637	927	216
3	101	Eliz...	69	O+	297324	248	116

Query executed successfully. localhost (15.0 RTM) DESKTOP-IMLN98U\Aparna...

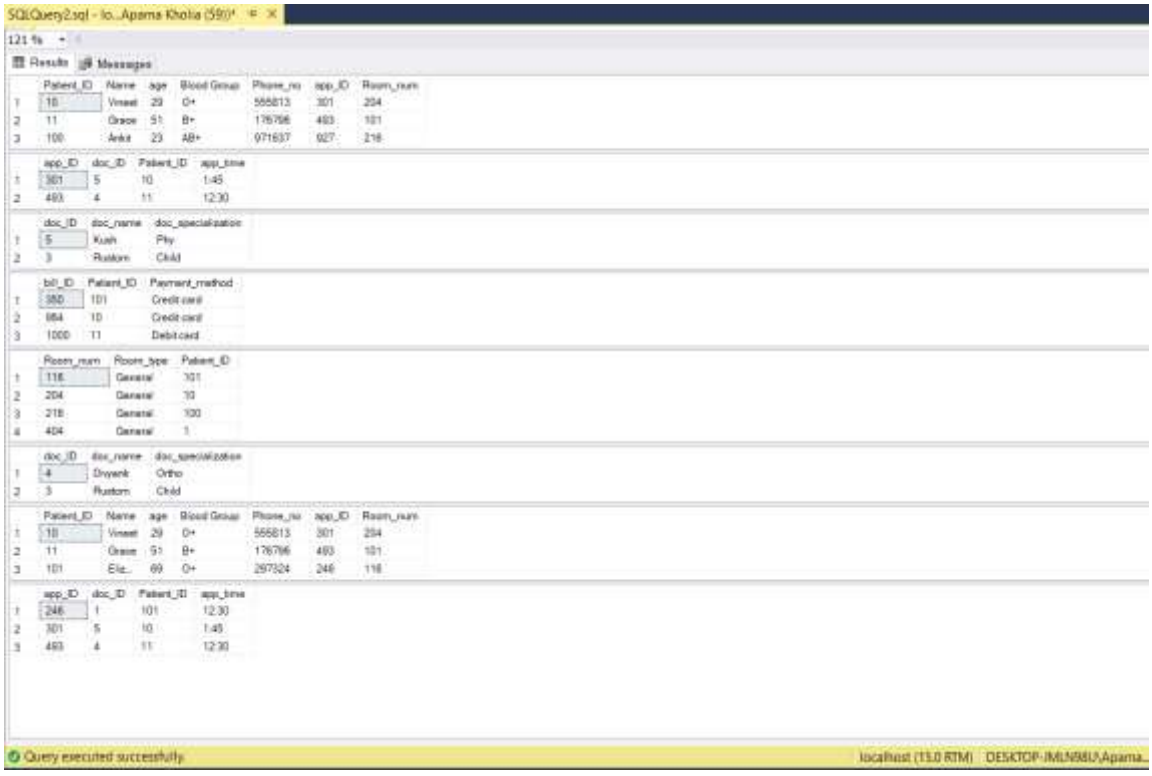
4) LOGICAL OPERATORS

QUERIES:

```
SELECT * FROM T1_Patient where age BETWEEN 23 and 55;
SELECT * FROM T1_appointment where app_ID BETWEEN 300 and 500;

SELECT * FROM T1_Doctor where doc_specialization ='Phy' or doc_specialization= 'Child';
SELECT * FROM T1_bill where Payment_method ='Credit card' or Payment_method= 'Debit card';

SELECT * FROM T1_room where Room_type NOT IN('ICU');
SELECT * FROM T1_Doctor where doc_name NOT IN('Heni','Mike','Kush');

SELECT * FROM T1_Patient where  [Blood Group] IN('B+', 'O+');
SELECT * FROM T1_appointment where  app_time IN('12:30', '1:45');
```

OUTPUT: