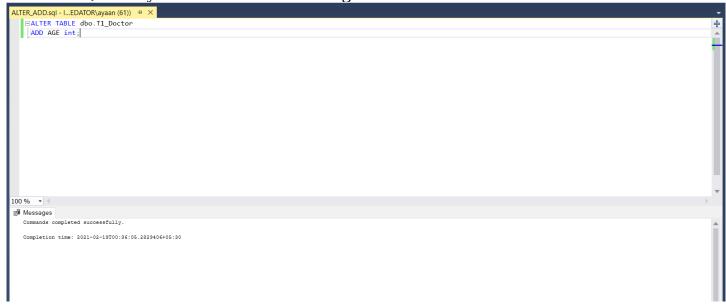
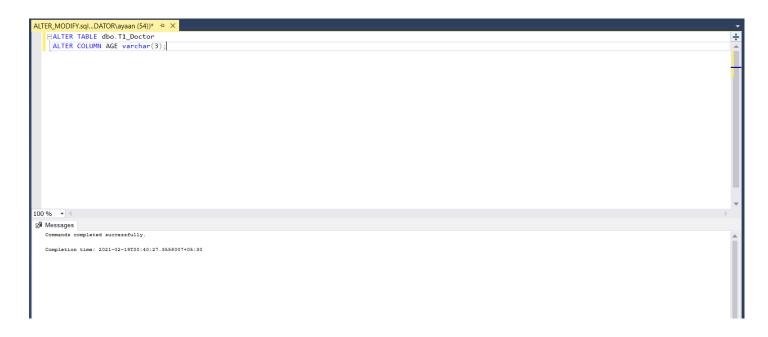
DBMS LAB ASSIGNMENT 3

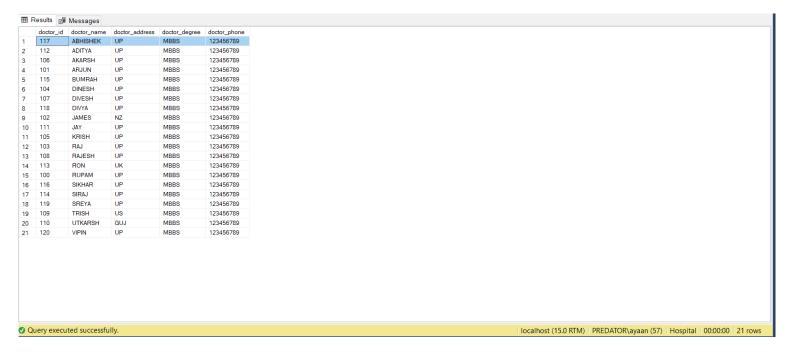
NAME – AYAAN KHAN REG NO. - 19BCS013

1.Add, Modify and Delete Column using Alter Command





2. Insert 20 Employees Data into all the tables. Use all the 3 methods that I have showcased



3. Show Violation of Primary Key, Unique Not Null and default key constraints through insertion.

```
VALUES (180, 'AWAR', 'RJ', 'WBBS', 0123456789):

| TOURS | TOUR |
```

```
SCLQuey5.sql -lo.EDATORtayean(SS))* * X

SINSERT INTO dbo.T1, Doctor

VALUES (NULL, 'AWAR', 'R3', 'MBBS', 0123456789);

100 %

If Messages

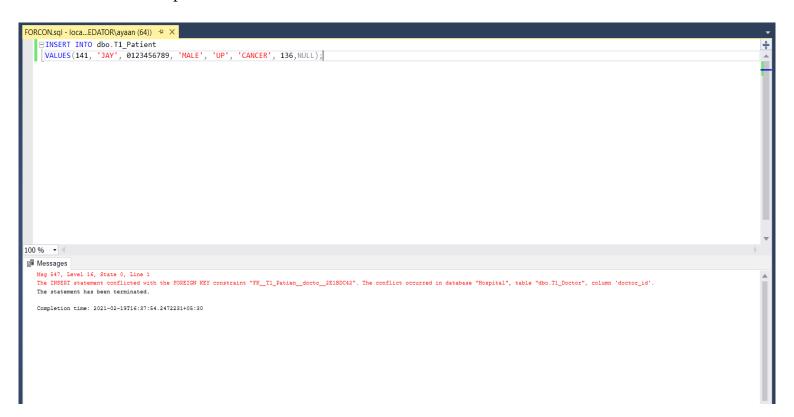
Mag 151, Leval 16, Rase 2, Line 1

Common insert the value NULL into column 'doctor_is', table 'Respital.dbo.T1_Doctor'; column does not allow mulls. INMERT fails.

The statement has been testinesed.

Completion time: 2021-02-15716:18:38.1094552+08:30
```

4. Insert tuples into the table and see how foreign key constraint works if you try to insert into dependent table first.



5.Show Violation of Foreign Key Constraint when you try to delete from a base table. If you get an error explain why deletion gives an error

```
SQLQueryScal - Lo. EDATORLyspan (69)* 2 X

TALTER TABLE doo. 11_Doctor

| PROP COLUMN doctor_id |

| P
```

The deletion is giving an error as it violates referential integrity constraint. First, we need to delete the corresponding tuple from the dependent table and then the base table.

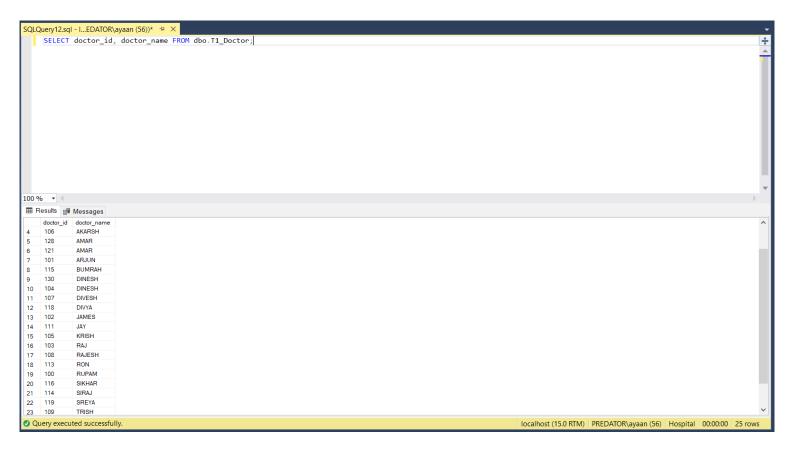
6. Try to update a non-existing entity data and check for error.

7. Add a column which has default value.

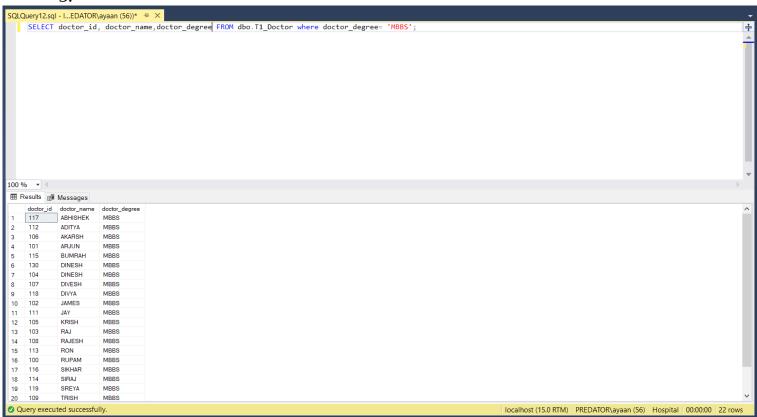


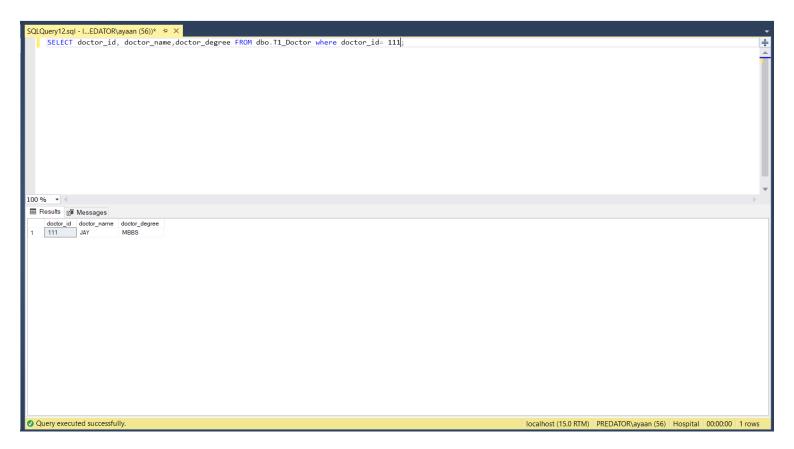
8. 5 Simple Select queries to retrieve data from your database.

QLQuery12.sql - I...EDATOR\ayaan (56))*
SELECT * FROM dbo.T1_Doctor 100 % 🔻 🔻 doctor_id doctor_name
100 RUPAM
101 ARJUN doctor_degr MBBS MBBS doctor_phone 123456789 123456789 ENTRYDATE NULL NULL 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 JAMES RAJ NZ UP UP UP UP UP UP MBBS MBBS 123456789 123456789 NULL NULL DINESH MBBS 123456789 NULL KRISH AKARSH MBBS MBBS 123456789 123456789 NULL NULL DIVESH RAJESH MBBS MBBS 123456789 123456789 NULL NULL TRISH MBBS 123456789 NULL MBBS MBBS 123456789 123456789 NULL NULL UTKARSH ADITYA RON SIRAJ MBBS MBBS 123456789 123456789 NULL NULL MBBS 123456789 NULL BUMRAH SIKHAR MBBS MBBS 123456789 123456789 NULL ABHISHEK DIVYA MBBS MBBS 123456789 123456789 NULL NULL SREYA MBBS 123456789 localhost (15.0 RTM) | PREDATOR\ayaan (56) | Hospital | 00:00:00 | 25 rows Query executed successfully.



3.





5. SQLQuery12.sql - I...EDATOR\ayaan (56))* → × SELECT TOP(10) [doctor_id], [doctor_name], [doctor_address] FROM dbo.T1_Doctor NULL NULL ABHISHEK 112 ADITYA UP UP AKARSH 106 NULL 121 101 AMAR RJ UP ARJUN 130 DINESH 10 104 DINESH UP

9. Show how Foreign key constraint effects Updating a dependent table when value is not existing and in Base table where the value is referred and you want to update it.

