DBMS Lab Assignment-3

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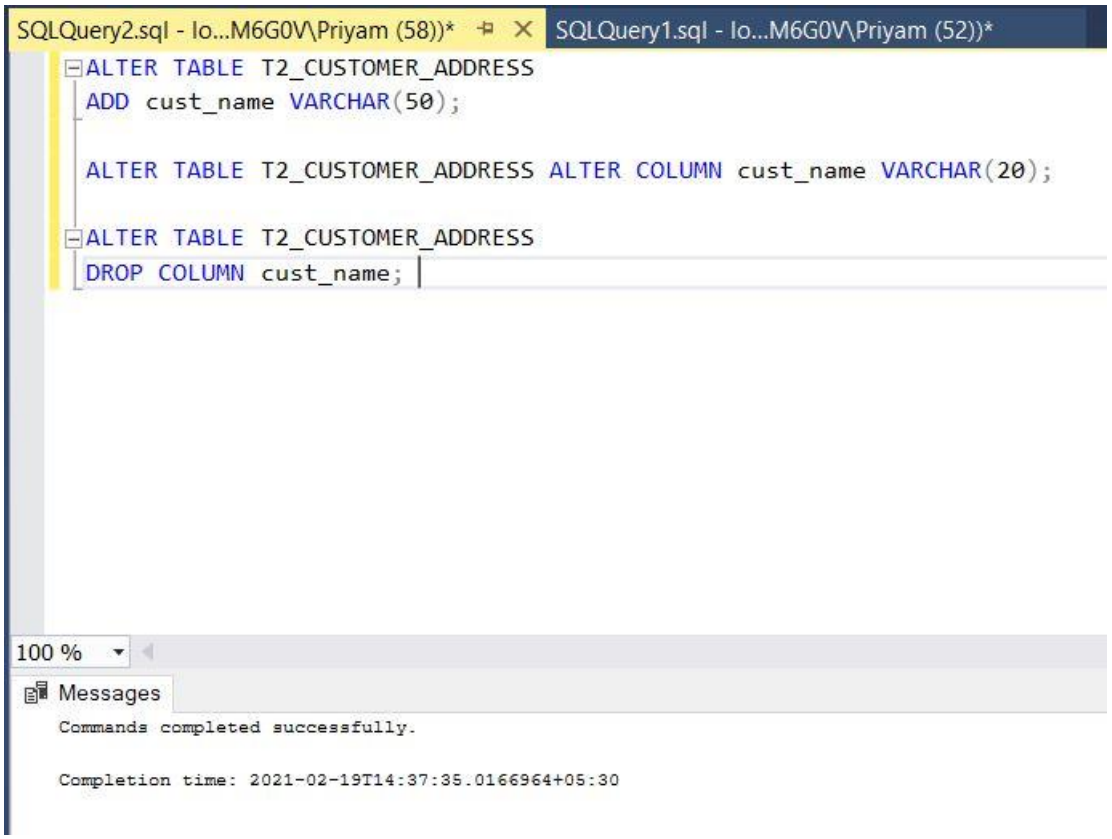
19BCS052

Q1) Add, Modify and Delete Column using Alter Command

```
ALTER TABLE T2_CUSTOMER_ADDRESS

ADD cust_name VARCHAR(50);


ALTER TABLE T2_CUSTOMER_ADDRESS ALTER
COLUMN cust_name VARCHAR(20);


ALTER TABLE T2_CUSTOMER_ADDRESS

DROP COLUMN cust_name;
```

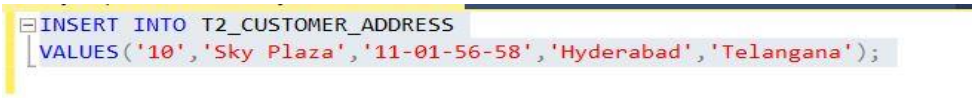


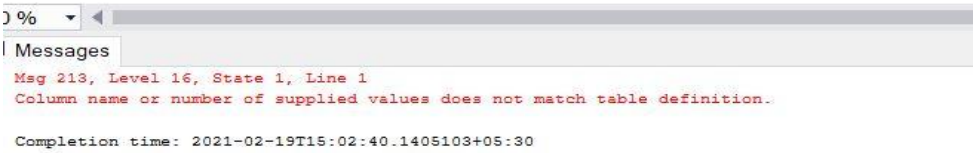
Q3) Show Violation of Primary Key, Unique Not Null and default keyconstraints through insertion.

```
USE HOTEL;

INSERT   INTO T2_Customer
VALUES('1','sunder','8563942100','warangal','AP','500256','Sunder@gmail.com');

INSERT INTO T2_Customer
VALUES('2','Vaishnav','9676414220','Vizag','AP','522360','vaishnav12@gamil.com');

INSERT INTO T2_Customer(Customer_ID,Phone_number,City,State,Zipcode,Email_ID)VALUES
('2','9885249328','Agra','UP','586214','xyz@gmail.com');
```

Q4) Insert tuples into the table and see how foreign key constraint works if youtry to insert into dependent table first.

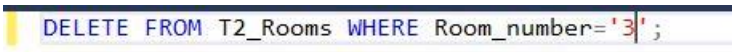
```
INSERT INTO T2_CUSTOMER_ADDRESS
VALUES('10','Sky Plaza','11-01-56-58','Hyderabad','Telangana');
```

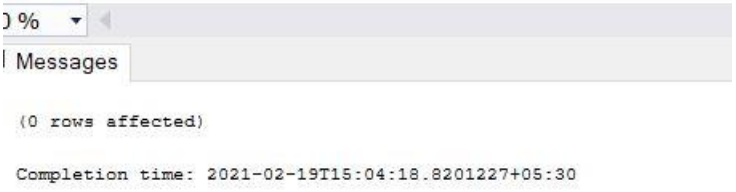




Q5) Show Violation of Foreign Key Constraint when you try to delete from abase table. If you get an error explain why deletion gives an error

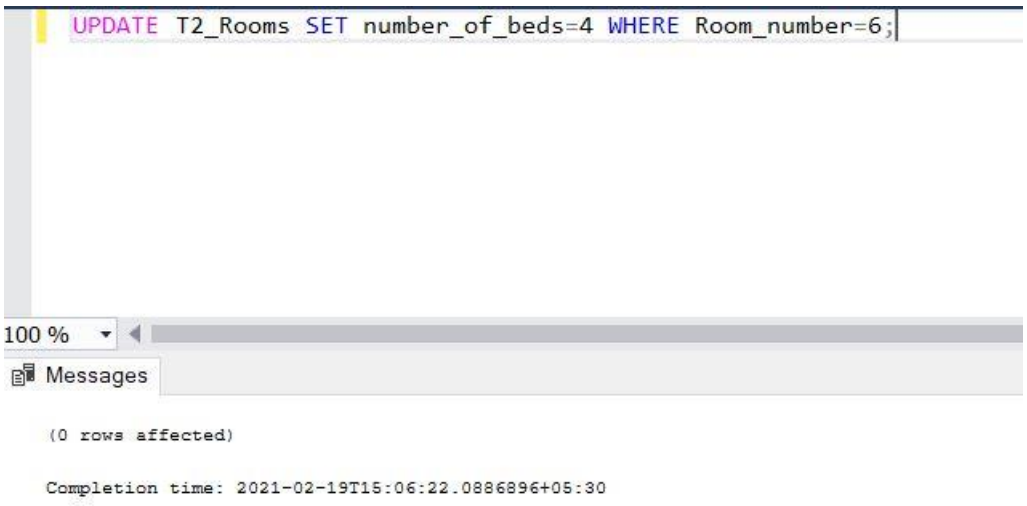
DELETE FROM T2_Rooms WHERE Room_number='3';





Q6) Try to update a non-existing entity data and check for error.

UPDATE T2_Rooms SET number_of_beds=4 WHERE Room_number=6;



Q9) Show how Foreign key constraint effects Updating a dependent table whenvalue is not existing and in Base table where the value is referred and you wantto update it

UPDATE T2_Rooms SET number_of_beds=2 WHERE Room_Type='Deluxe';

```
UPDATE T2_Rooms SET number_of_beds=2 WHERE Room_Type='Deluxe';
```

```
) %
Messages

(0 rows affected)

Completion time: 2021-02-19T15:08:14.2753781+05:30
```