DBMS LAB ASSIGNMENT-2

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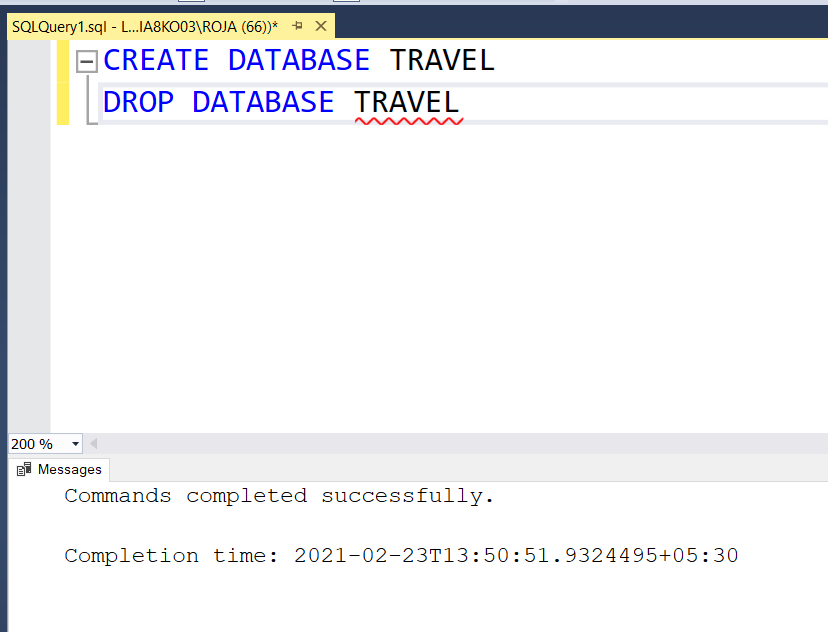
1. Show how to Create and Drop Database

QUERY

CREATE DATABASE TRAVEL

DROP DATABASE TRAVEL

Output

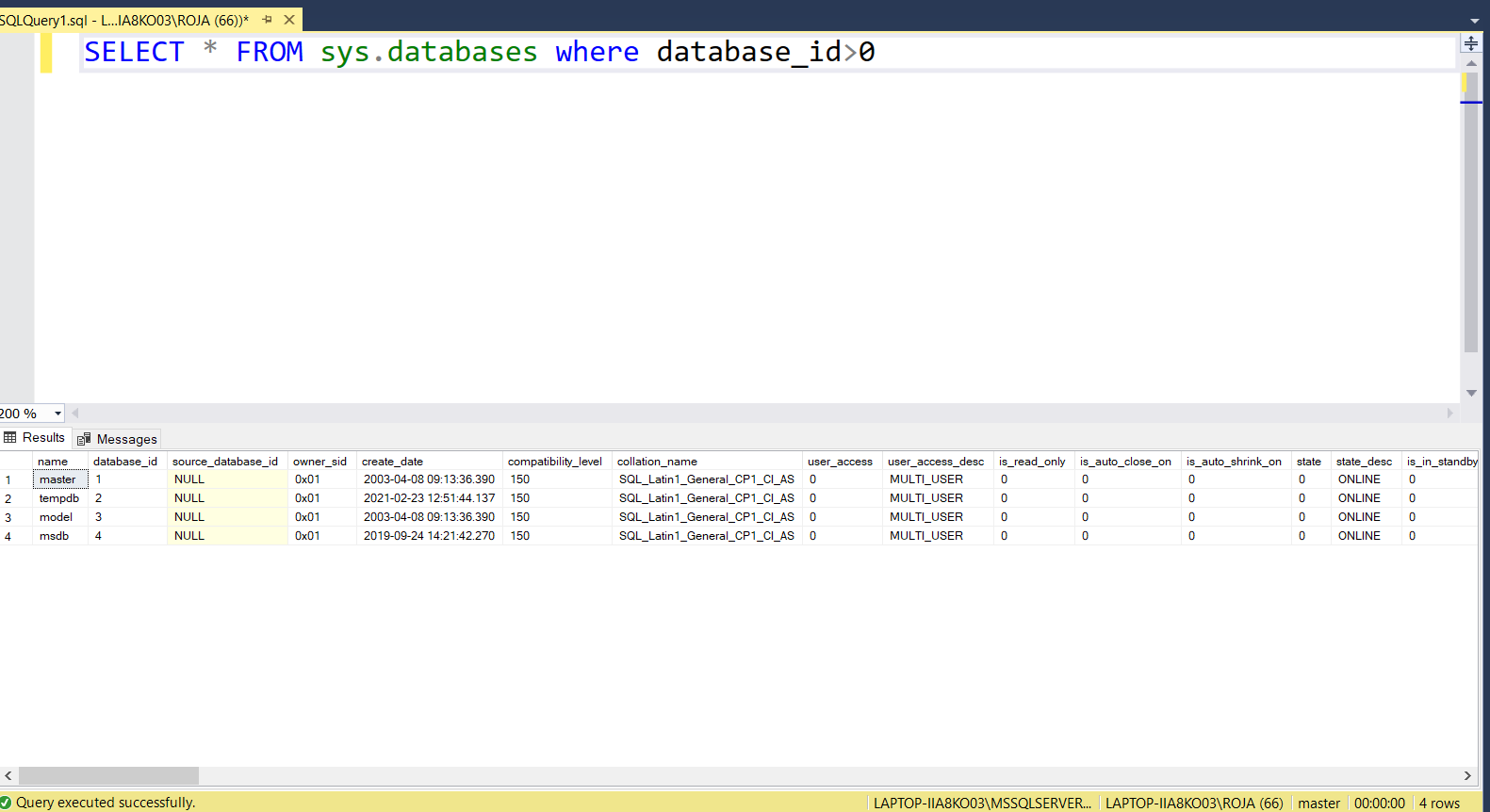


2.Show all the Databases are in the system

QUERY

SELECT \* FROM sys.databases where database\_id>0

Output



3. Create Table for your Database

QUERY

USE T10\_TRAVEL;

CREATE TABLE T10\_travel\_database

(

agency\_id INT PRIMARY KEY NOT NULL,

agency\_name VARCHAR(250)NOT NULL,

agency\_address VARCHAR(200)NOT NULL,

agency\_description VARCHAR(45)

)

CREATE TABLE T10\_customer\_details

(

customer\_id INT PRIMARY KEY NOT NULL,

customer\_name VARCHAR(255)NOT NULL,

customer\_mobile INT NOT NULL,

customer\_email VARCHAR(45)NOT NULL,

customer\_username VARCHAR(45)NOT NULL,

customer\_password VARCHAR(45)NOT NULL,

customer\_address VARCHAR(45)NOT NULL,

);

CREATE TABLE T10\_booking\_details

(

booking\_id INT PRIMARY KEY NOT NULL,

booking\_hotel\_id VARCHAR(255)NOT NULL,

booking\_type VARCHAR(45)NOT NULL,

booking\_date INT NOT NULL,

booking\_title VARCHAR(45),

booking\_description VARCHAR(445)

);

CREATE TABLE T10\_hotel\_details

(

hotel\_id INT PRIMARY KEY NOT NULL,

hotel\_name VARCHAR(255)NOT NULL,

hotel\_type VARCHAR(45)NOT NULL,

hotel\_rent INT NOT NULL,

hotel\_description VARCHAR(45),

hotel\_address VARCHAR(465)NOT NULL,

);

CREATE TABLE T10\_tour\_details

(

tour\_id INT PRIMARY KEY NOT NULL,

tour\_agent\_id VARCHAR(40)NOT NULL,

tour\_customer\_id VARCHAR(45)NOT NULL,

tour\_name VARCHAR(45)NOT NULL,

tour\_type VARCHAR(45)NOT NULL,

tour\_place VARCHAR(45)NOT NULL,

tour\_description VARCHAR(45)

);

CREATE TABLE T10\_package\_details

(

package\_id INT PRIMARY KEY NOT NULL,

package\_tour\_id INT NOT NULL,

package\_name VARCHAR(45)NOT NULL,

package\_amount INT NOT NULL,

package\_total INT NOT NULL,

package\_type VARCHAR(45) NOT NULL,

package\_description VARCHAR(200)

);

CREATE TABLE T10\_transportation\_details

(

transportation\_id INT PRIMARY KEY NOT NULL,

transportation\_tour\_id VARCHAR(255)NOT NULL,

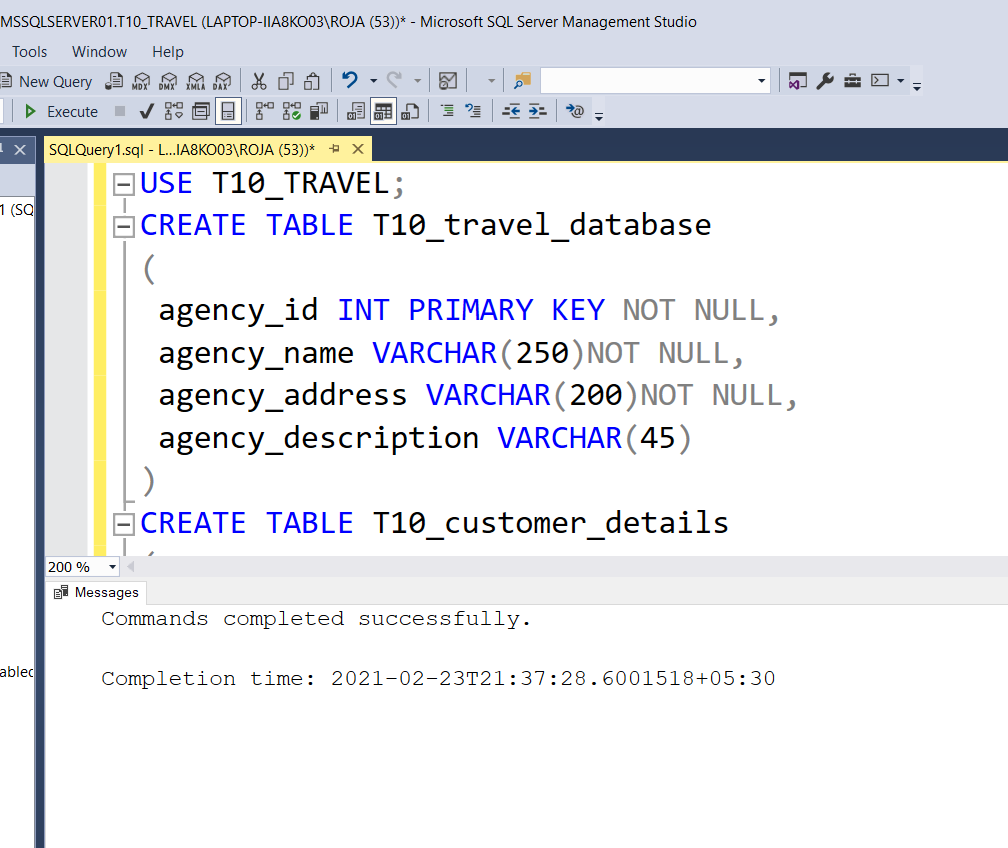
transportation\_name VARCHAR(45)NOT NULL,

transportation\_type VARCHAR(45)NOT NULL,

transportation\_description VARCHAR(200)

);

OUTPUT:



4.Drop table

QUERY

CREATE TABLE MY\_BROTHER

(

First\_Name VARCHAR(20) NOT NULL,

Last\_Name VARCHAR(20) NOT NULL,

Phone\_Number VARCHAR(12) NOT NULL,

DOB DATE NOT NULL,

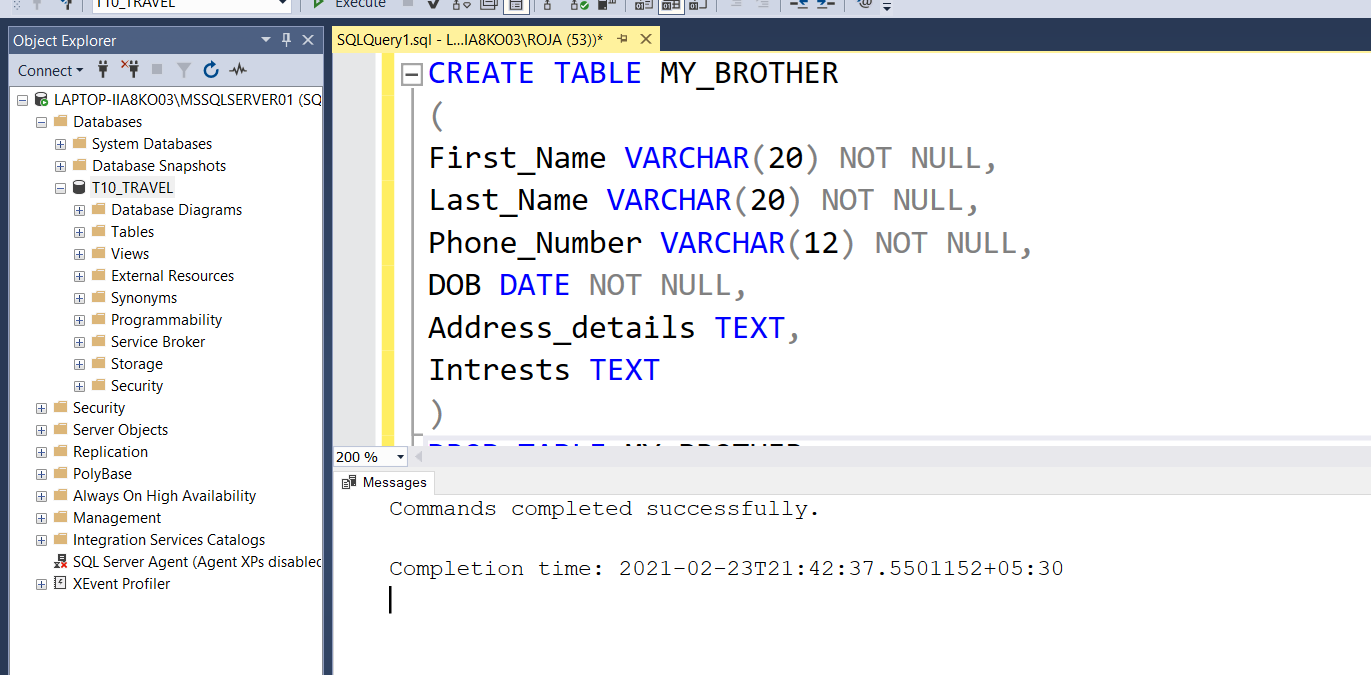
Address\_details TEXT

Intrests TEXT

)

DROP TABLE MY\_BROTHER

OUTPUT:



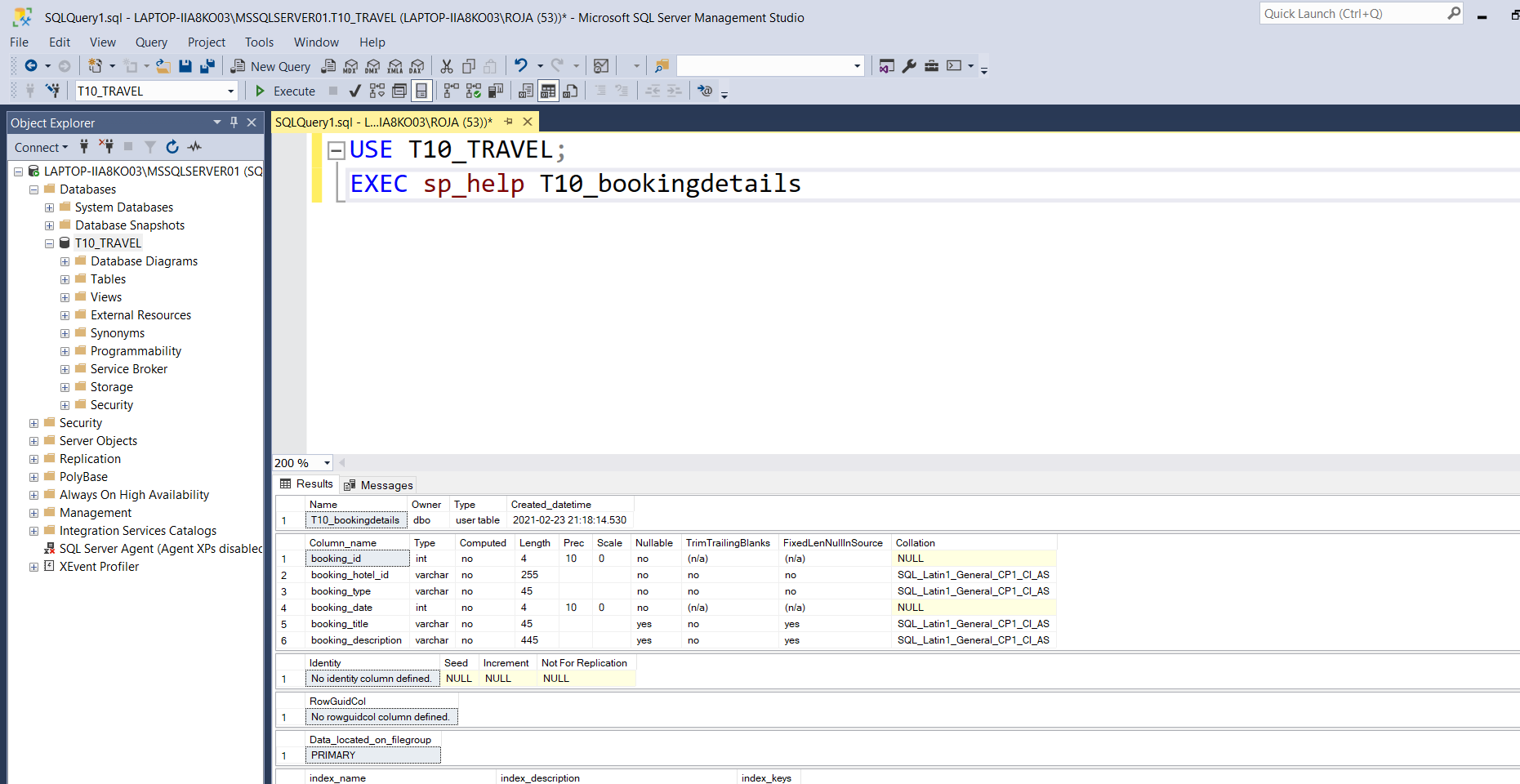
5.Show how to check the schema of the tables

QUERY

USE T10\_TRAVEL;

EXEC sp\_help T10\_bookingdetails

OUTPUT:

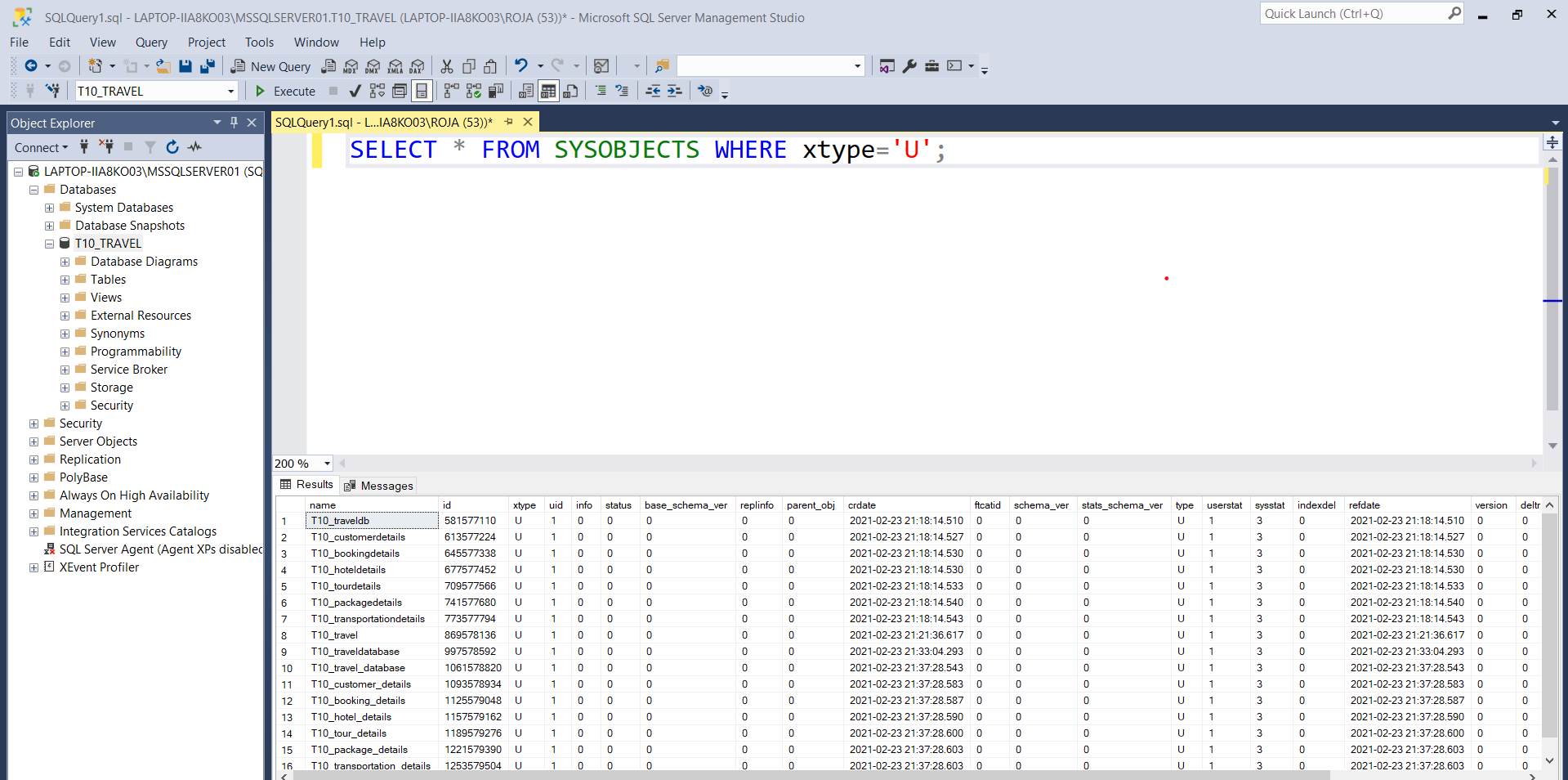


6. Show all the tables from the database (This is not done in class.)

QUERY

SELECT \* FROM SYSOBJECTS WHERE xtype='U';

Output



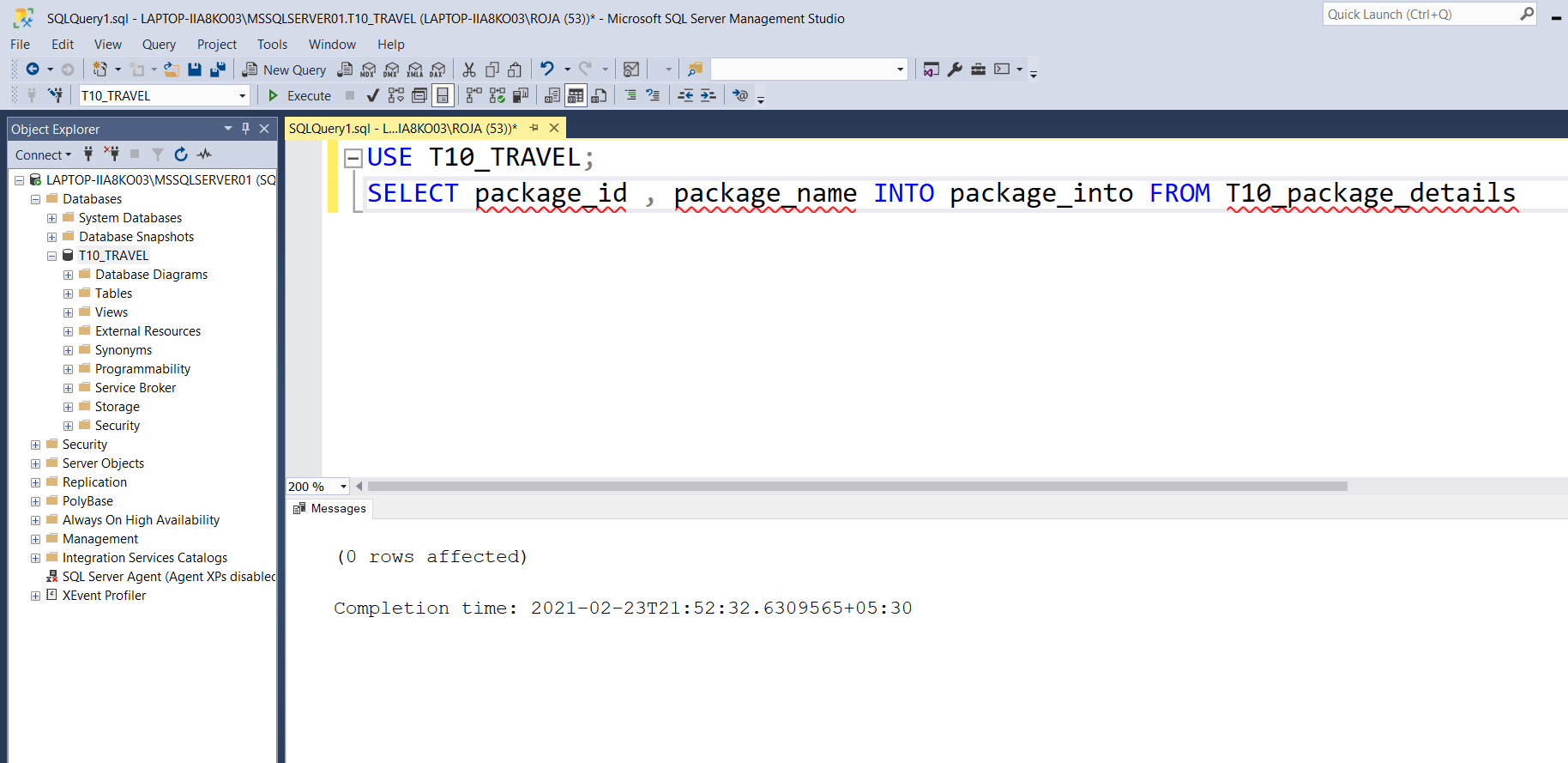
7.Create Table using Select Statement (I haven’t showed you this. I want you to try, it is very simple you should not have any problem).

QUERY

USE T10\_TRAVEL;

SELECT package\_id , package\_name INFO package\_info FROM T10\_packagedetails.

Output



8.Create a table which has derived attribute. (Example can be Age is a derived attribute from Date of Birth. You should try this as well).

QUERY

CREATE TABLE MY\_BROTHER\_DETAILS

(

First\_Name VARCHAR(20) NOT NULL,

Last\_Name VARCHAR(20) NOT NULL,

Phone\_Number VARCHAR(12) NOT NULL,

DOB DATE NOT NULL,

Age AS DATEDIFF(YEAR,DOB,GETDATE())

) ,

OUTPUT:

