

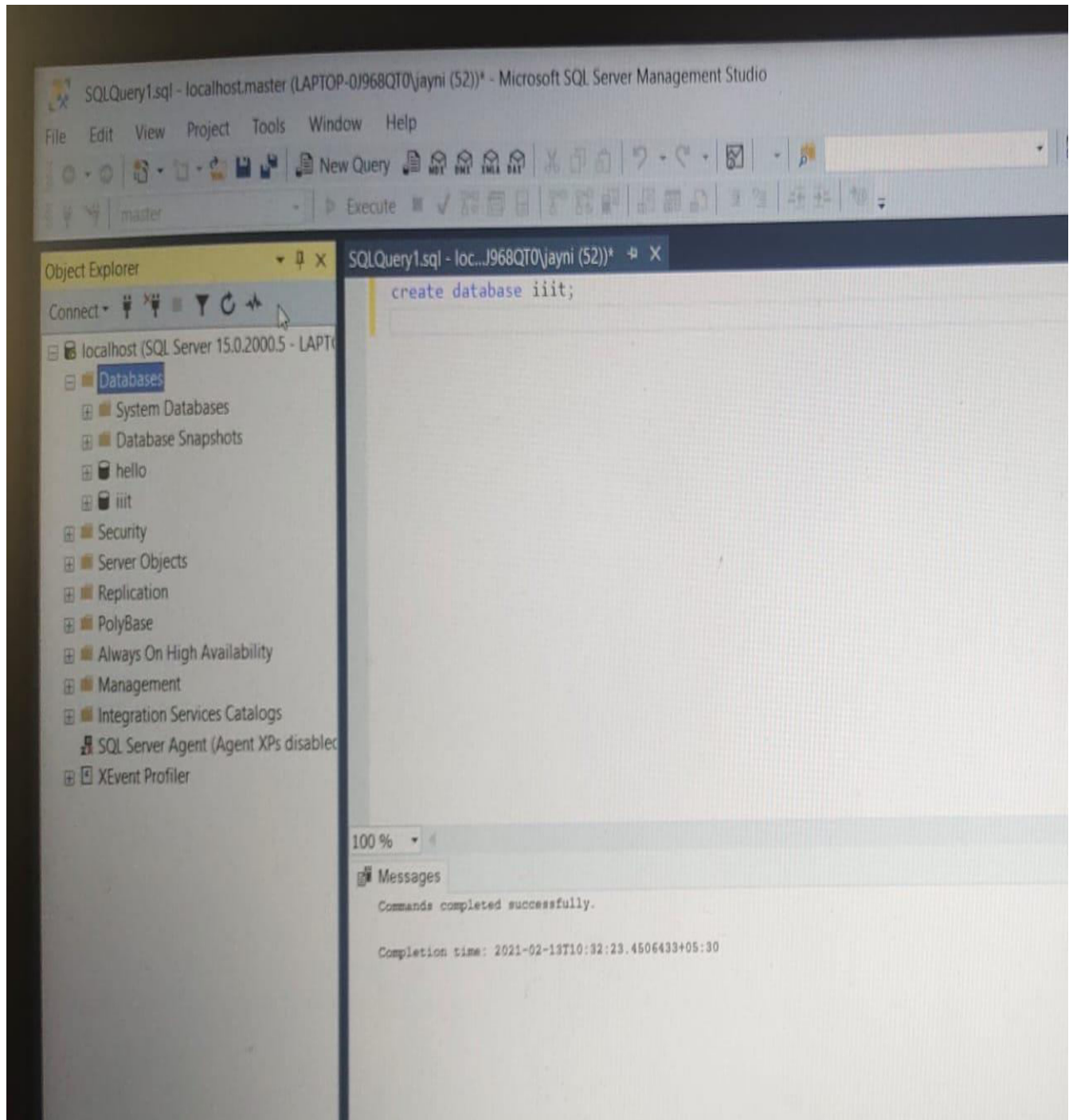
DBMS ASSIGNMENT-2  
ROLL NO:-19BCS120

Q1) Show how to Create and Drop Database?

ANS)

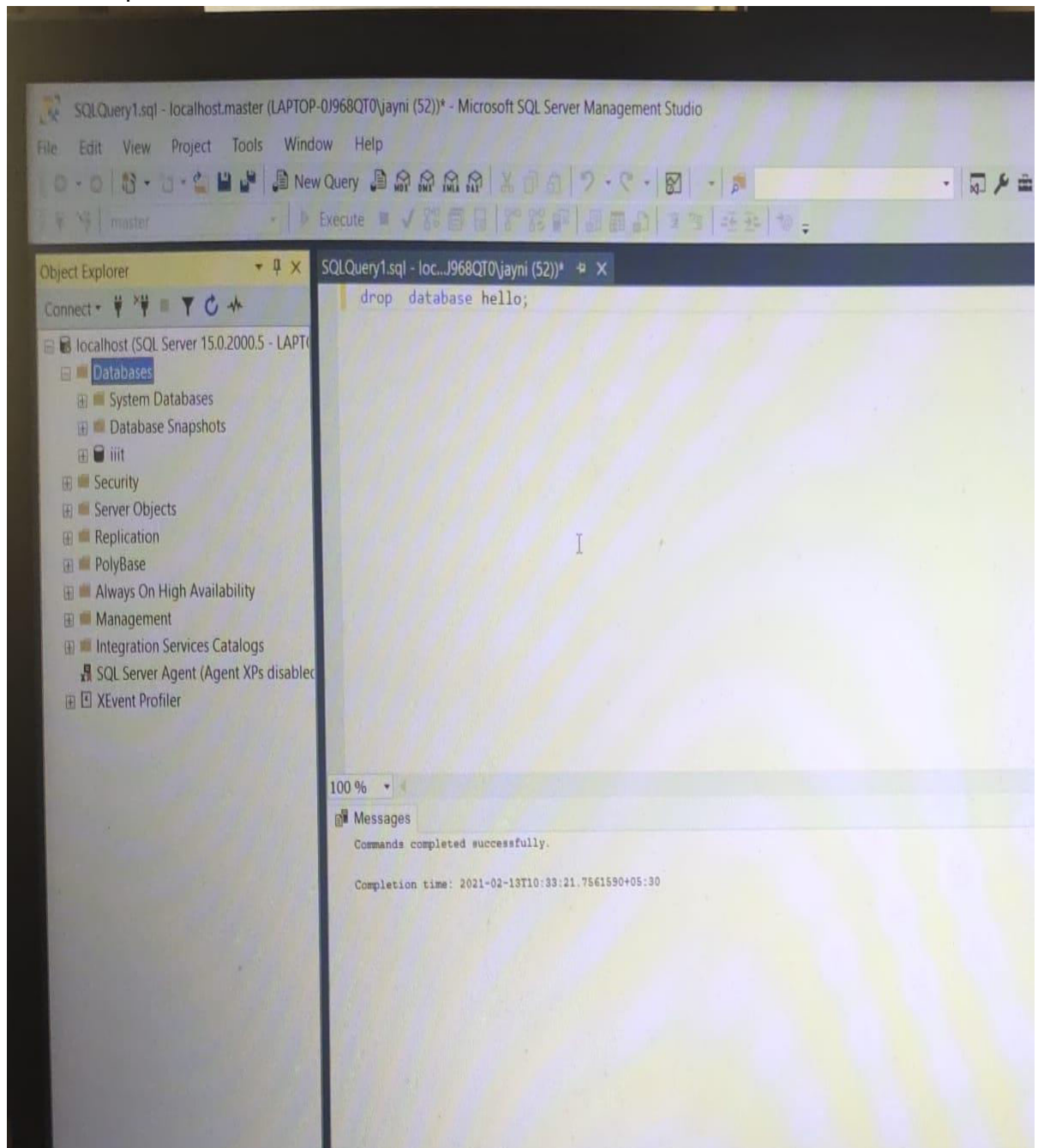
1. QUERY:-

create database iiit;



## 2. QUERY:-

drop database hello;

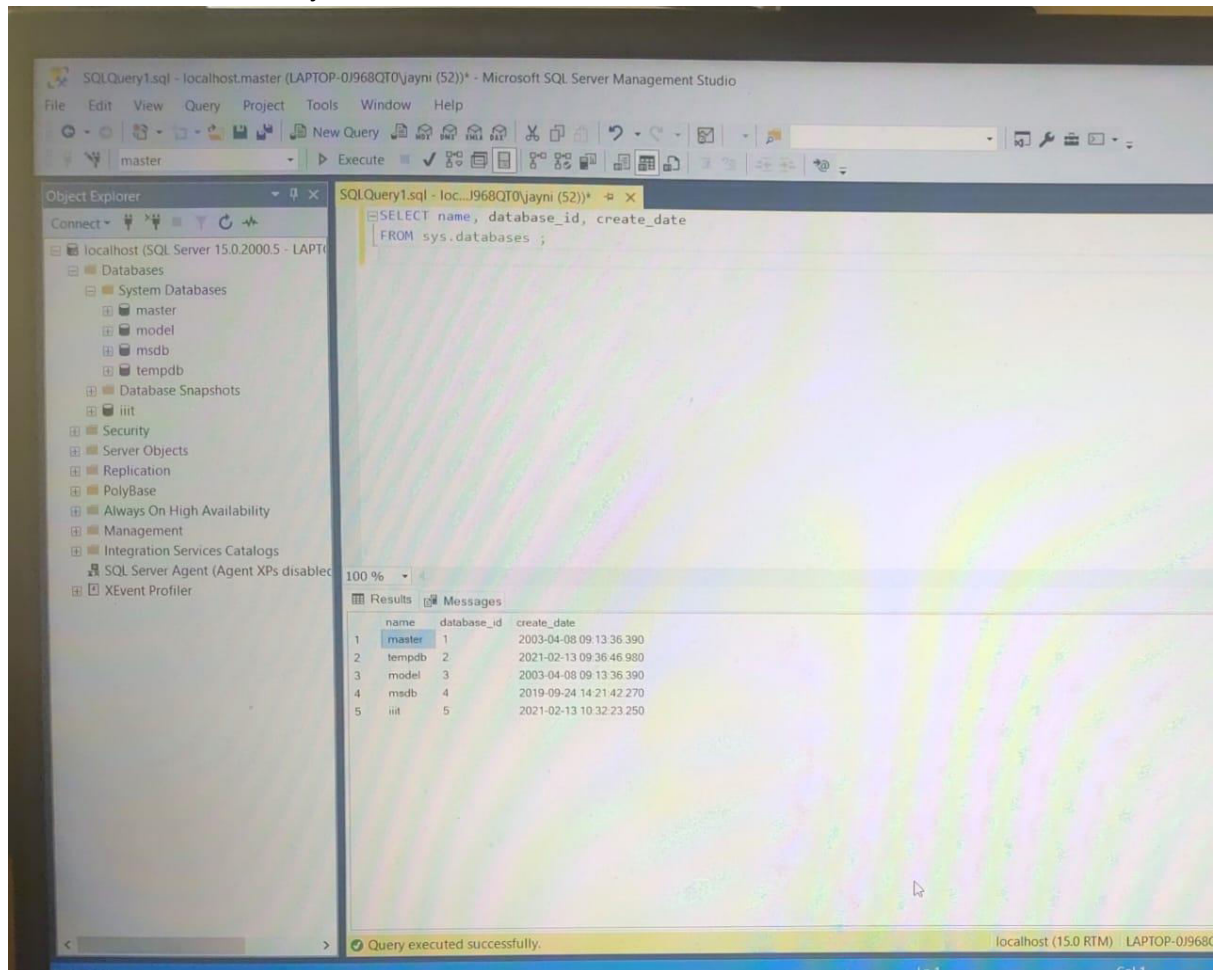


Q2) Show all the Databases are in the system?

ANS)

QUERY:-

```
SELECT name, database_id, create_date  
FROM sys.databases;
```



Q3)Create Table for your Database?

ANS)

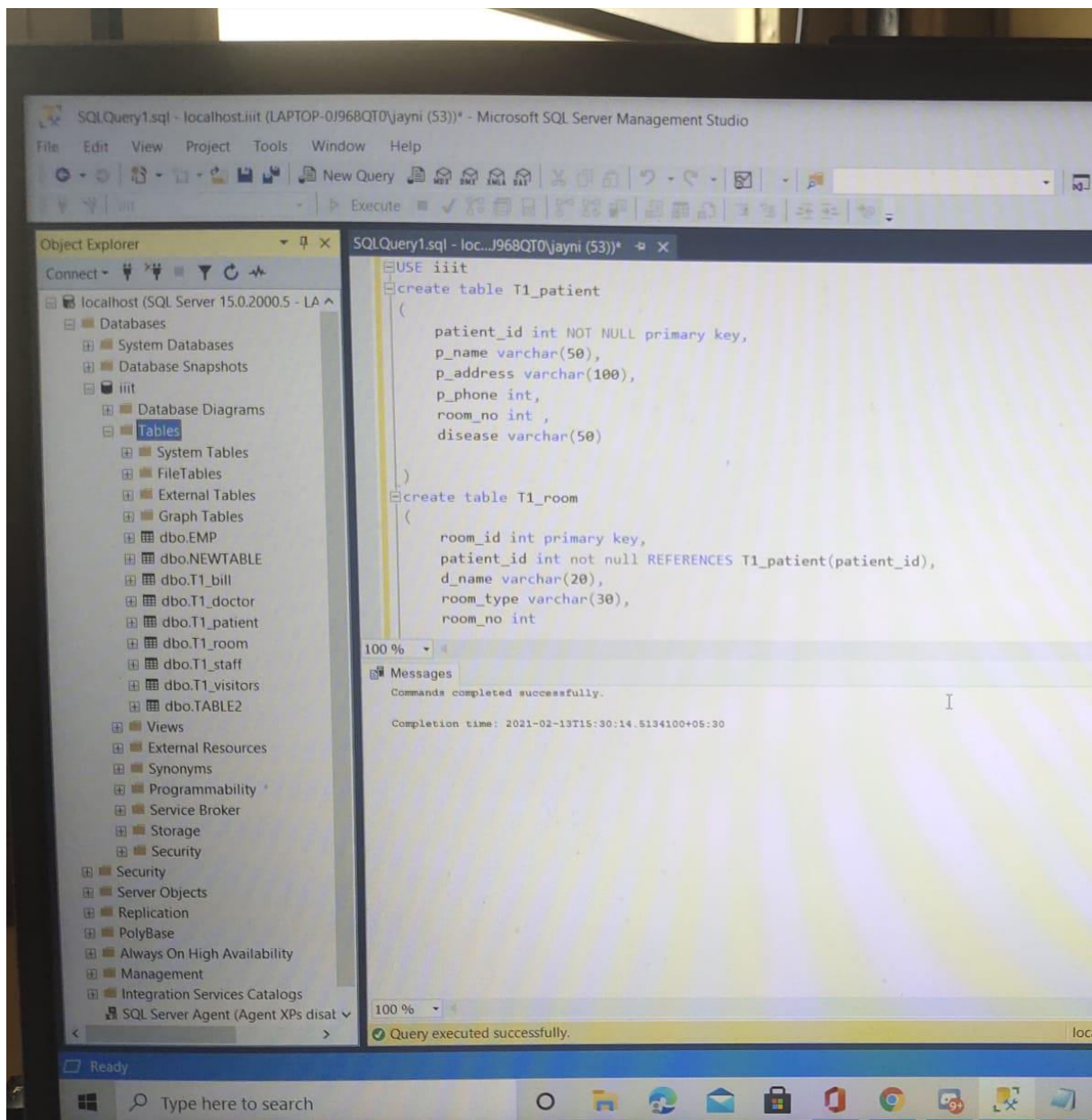
QUERY:-

```
USE iit
create table T1_patient
(
    patient_id int NOT NULL primary key,
    p_name varchar(50),
    p_address varchar(100),
    p_phone int,
    room_no int ,
    disease varchar(50)
)
create table T1_room
(
    room_id int primary key,
    patient_id int not null REFERENCES T1_patient(patient_id),
    d_name varchar(20),
    room_type varchar(30),
    room_no int
)
create table T1_doctor
(
    d_name varchar(30) primary key,
    s_id int,
    department varchar(80)
)
create table T1_staff
(
    s_id int primary key,
    s_name varchar(30) not null REFERENCES T1_doctor(d_name),
    s_address varchar(80),
    s_phone int,
    room_id int not null REFERENCES T1_room(room_id),
)
create table T1_visitors
(
    v_name varchar(20) primary key,
    room_no int,
    v_address varchar(80),
    patient_id int not null REFERENCES T1_patient(patient_id),
    v_phone int
)
)
```

```

create table T1_bill
(
    p_name varchar(30) primary key,
    d_name varchar(20),
    disease varchar(50),
    patient_id int not null REFERENCES T1_patient(patient_id),
    room_id int not null REFERENCES T1_room(room_id),
    payment_type varchar(50)
)

```



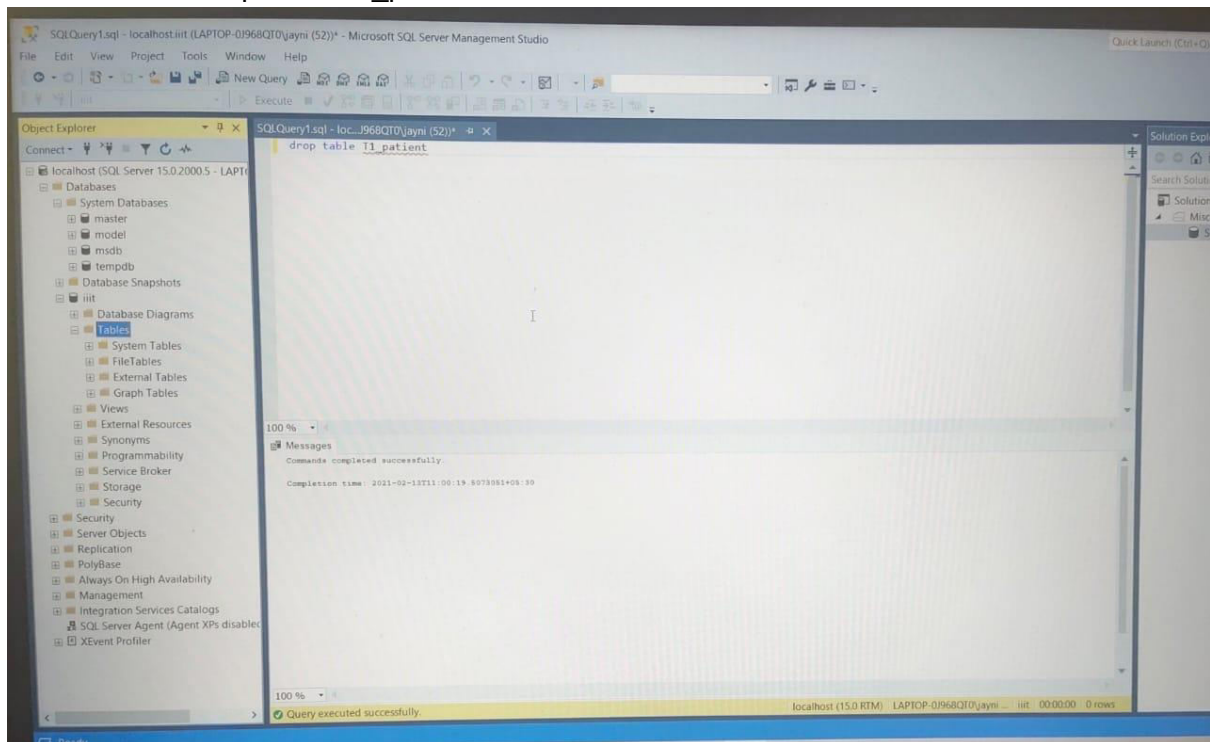


Q4) Drop table?

ANS)

QUERY:-

drop table T1\_patient

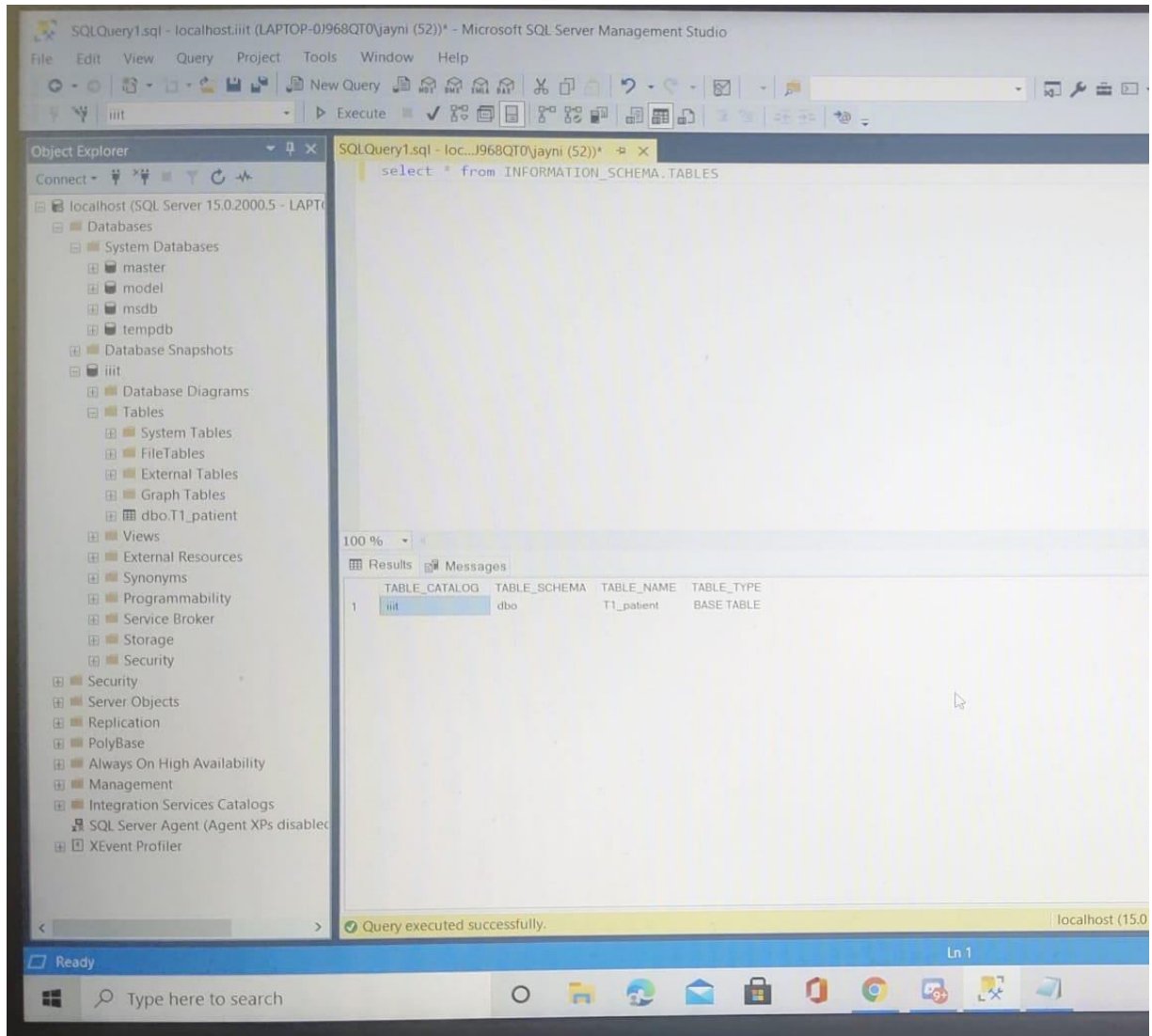


Q5) Show how to check the schema of the tables?

ANS)

QUERY:-

`select * from INFORMATION_SCHEMA.TABLES`

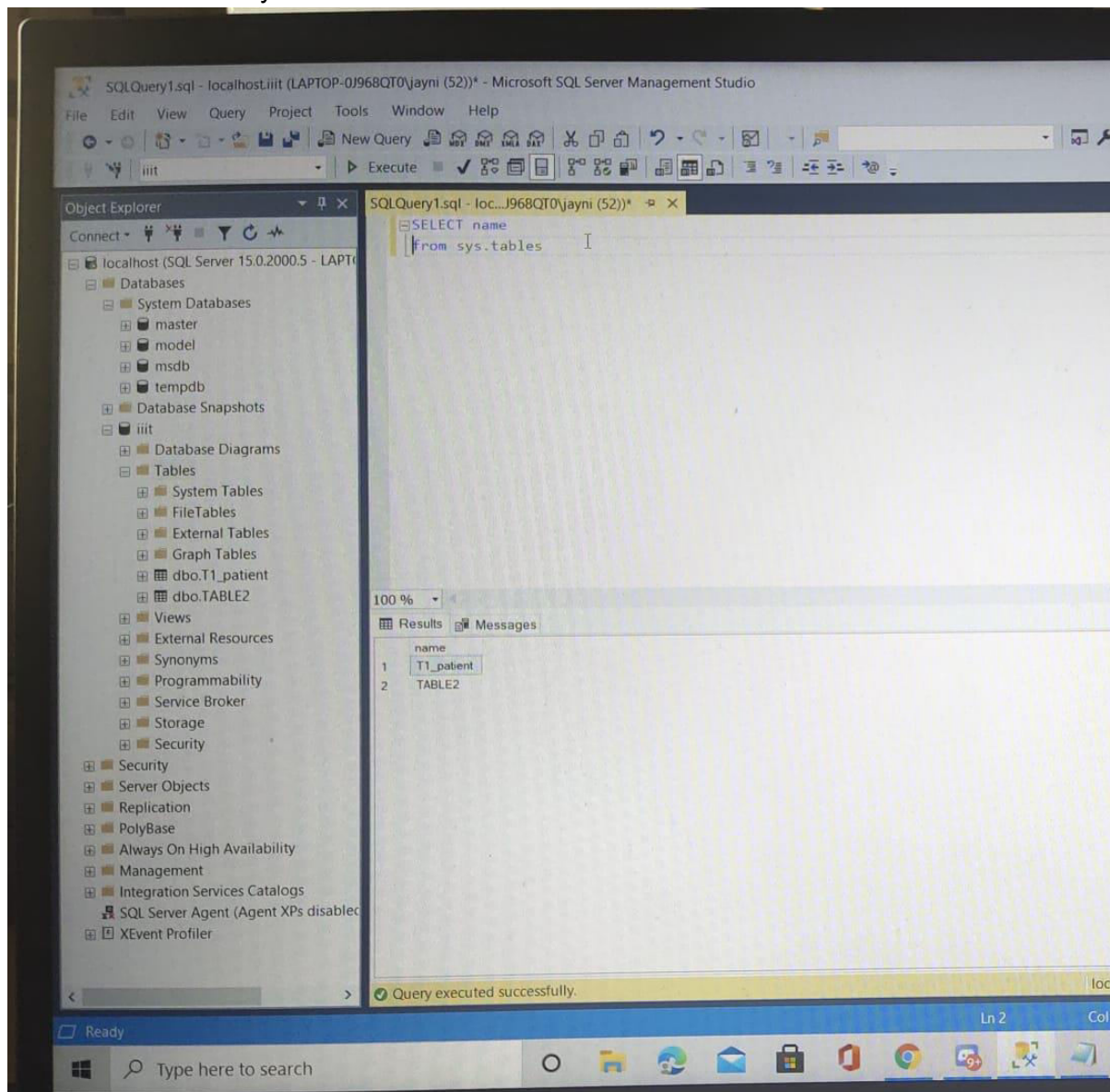


Q6) Show all the tables from the database?

ANS)

QUERY:-

```
SELECT name  
from sys.tables
```



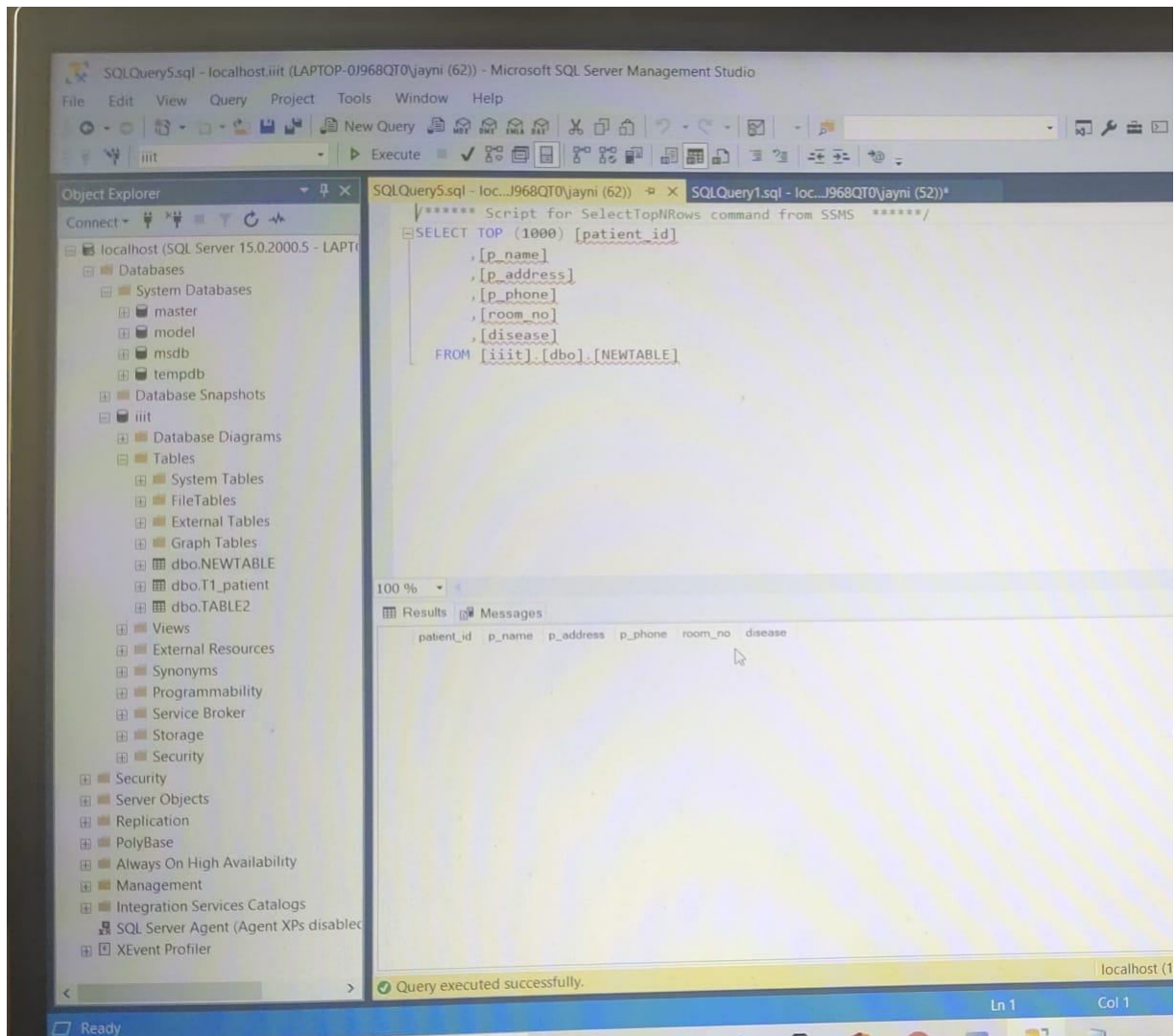


Q7) Create Table using Select Statement?

ANS)

QUERY:-

SELECT \* INTO NEWTABLE FROM TABLE2



Q8) Create a table which has derived attribute.?

ANS)

QUERY:-

USE iiit

CREATE TABLE EMP

(

EMP\_NAME VARCHAR(50),

DOB DATE,

Age as CEILING((datediff(day, DOB, GETdate())/ 365.2425 )),

);

