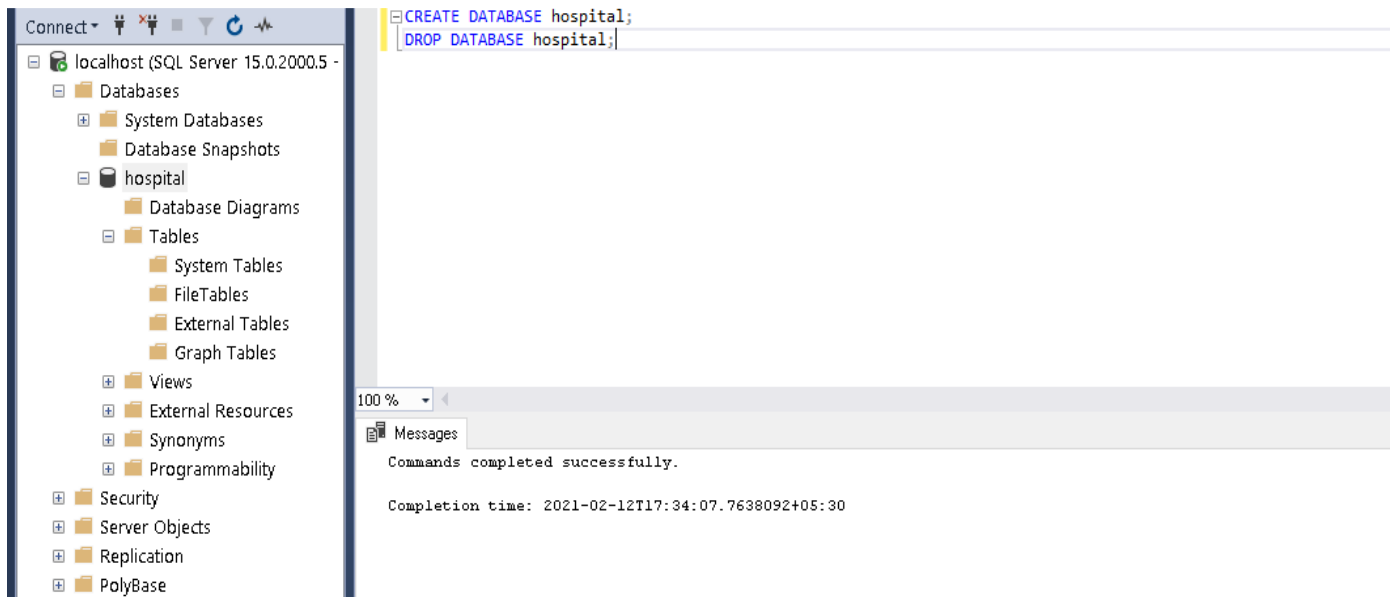


## DBMS Lab Assignment 2

/\* 1. Show how to create and drop database. \*/



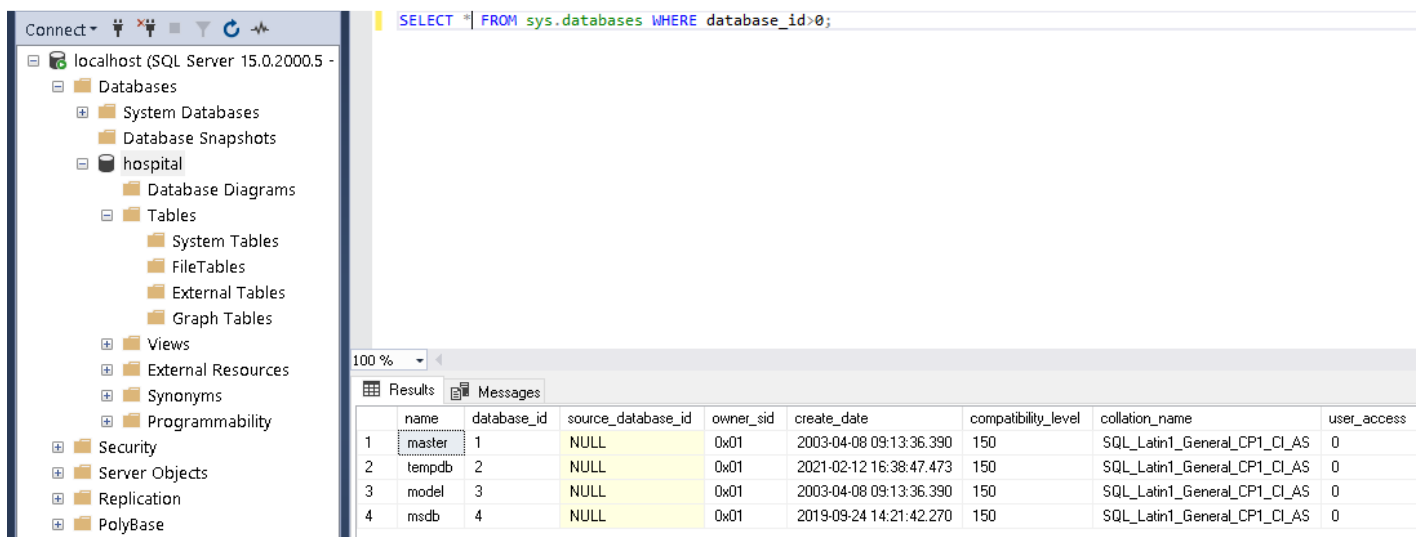
The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'Databases' folder is expanded, showing the 'hospital' database. The right pane shows the SQL command window with the following commands:

```
CREATE DATABASE hospital;  
DROP DATABASE hospital;
```

The Messages pane at the bottom shows the following output:

```
Commands completed successfully.  
Completion time: 2021-02-12T17:34:07.7638092+05:30
```

/\* 2. Show all the databases in the system. \*/



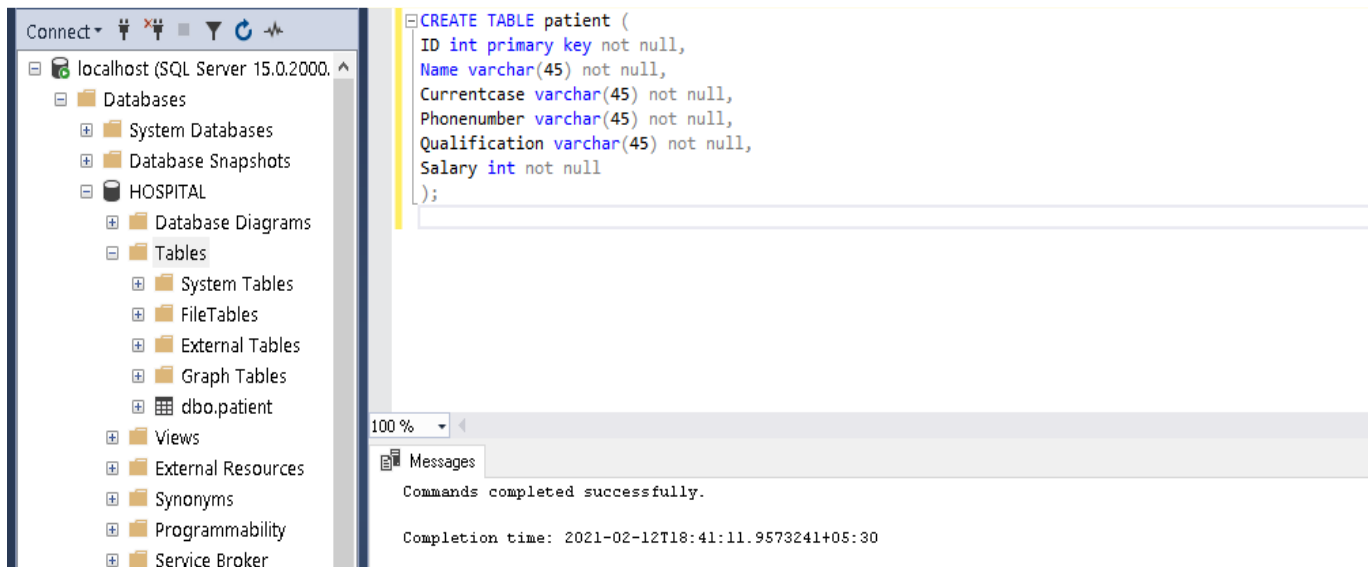
The screenshot shows the SQL Server Enterprise Manager interface. The command window contains the following query:

```
SELECT * FROM sys.databases WHERE database_id > 0;
```

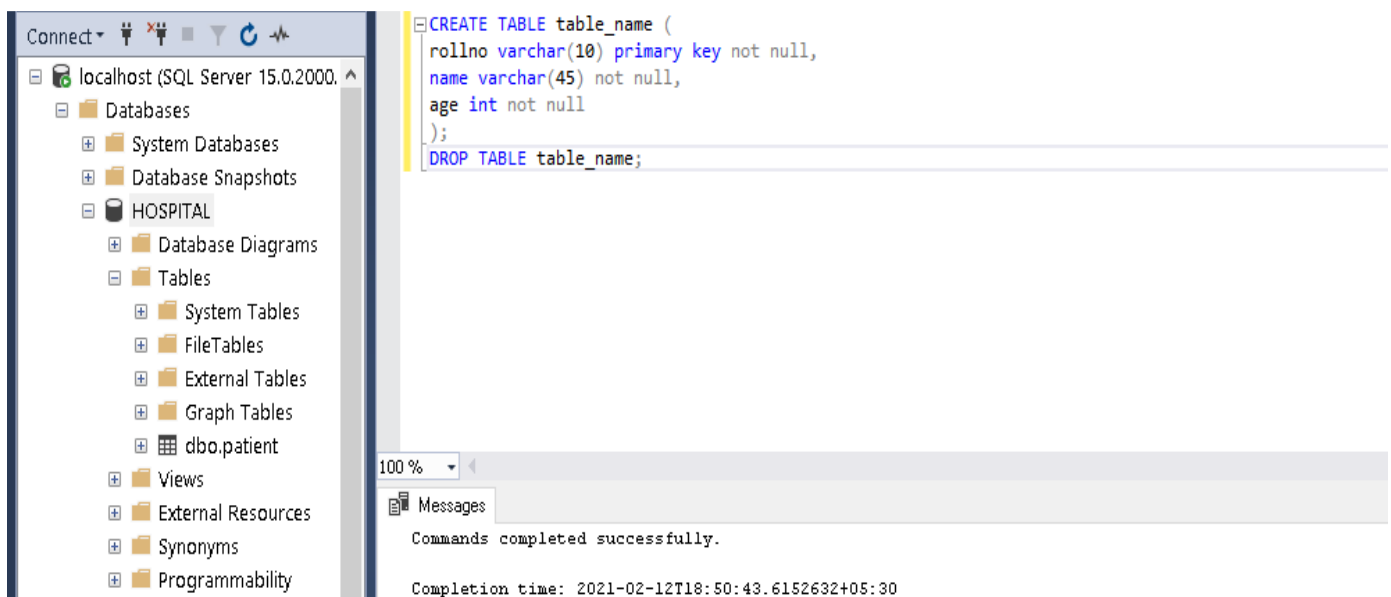
The Results pane shows the following output:

	name	database_id	source_database_id	owner_sid	create_date	compatibility_level	collation_name	user_access
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0
2	tempdb	2	NULL	0x01	2021-02-12 16:38:47.473	150	SQL_Latin1_General_CP1_CI_AS	0
3	model	3	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0
4	msdb	4	NULL	0x01	2019-09-24 14:21:42.270	150	SQL_Latin1_General_CP1_CI_AS	0

/\*3. Create table for your database.\*/



/\*4. Drop table.\*/



/\*5. Show how to check the schema of the tables.\*/

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'Databases' folder is expanded, showing the 'HOSPITAL' database. The 'Tables' folder is expanded, and the 'dbo.patient' table is selected. The right pane shows the results of the 'sp\_help patient;' command. The results are displayed in two tables: one for table metadata and one for column details.

Name	Owner	Type	Created_datetime
patient	dbo	user table	2021-02-12 18:41:11.790

Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrimTrailingBlanks	FixedLenNullInSource	Collation
ID	int	no	4	10	0	no	(n/a)	(n/a)	NULL
Name	varchar	no	45			no	no	no	SQL_Latir
Currentcase	varchar	no	45			no	no	no	SQL_Latir
Phonenumber	varchar	no	45			no	no	no	SQL_Latir
Qualification	varchar	no	45			no	no	no	SQL_Latir
Salary	int	no	4	10	0	no	(n/a)	(n/a)	NULL

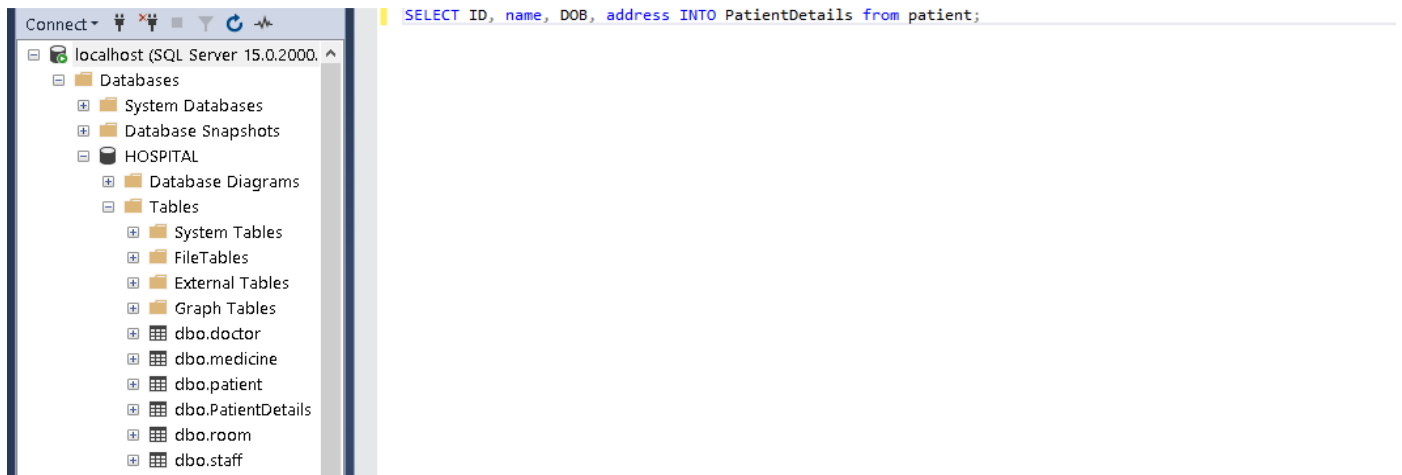
Identity	Seed	Increment	Not For Replication
No identity column defined.	NULL	NULL	NULL

/\*6. Show all the tables from the database.\*/

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'Databases' folder is expanded, showing the 'HOSPITAL' database. The 'Tables' folder is expanded, and the 'dbo.doctor' table is selected. The right pane shows the results of the 'SELECT \* FROM SYSOBJECTS WHERE xtype='U'' command. The results are displayed in a table with columns: name, id, xtype, uid, info, status, base\_schema\_ver, replinfo, parent\_obj, crdate, ftcidid, and schema\_ver.

name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcatid	schema_ver
doctor	581577110	U	1	0	0	0	0	0	2021-02-12 18:41:11.790	0	0
patient	645577338	U	1	0	0	0	0	0	2021-02-12 19:07:11.750	0	0
staff	677577452	U	1	0	0	0	0	0	2021-02-12 19:10:06.593	0	0
medicine	709577566	U	1	0	0	0	0	0	2021-02-12 19:11:40.797	0	0
room	741577680	U	1	0	0	0	0	0	2021-02-12 19:17:55.033	0	0

/\*7. Create table using select statement.\*/



/\*8. Create a table which has derived attribute.\*/

