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DBMS Lab Assignment 2

1. Show how to create and drop database.

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left shows the 'hospital' database under 'Databases'. The central pane shows a SQL query 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.

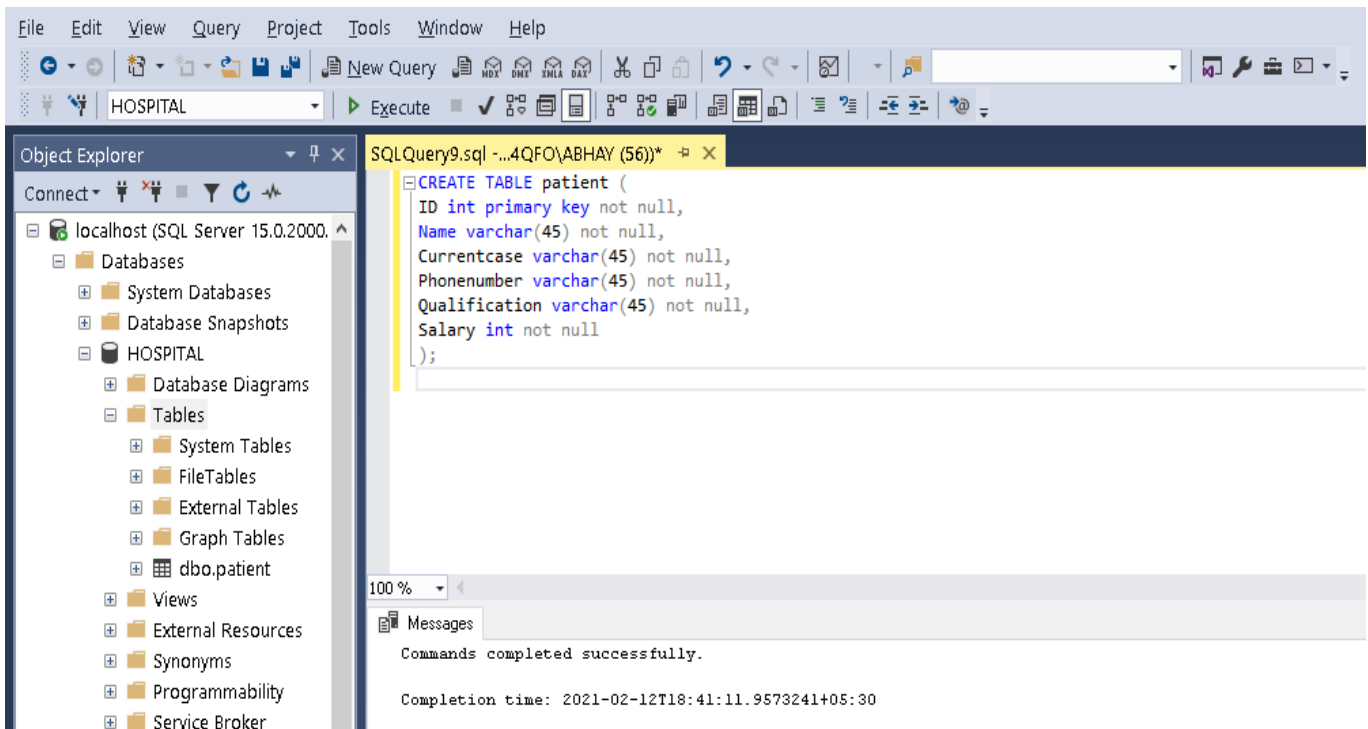
The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left shows the 'hospital' database under 'Databases'. The central pane shows a SQL query window with the following command:

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

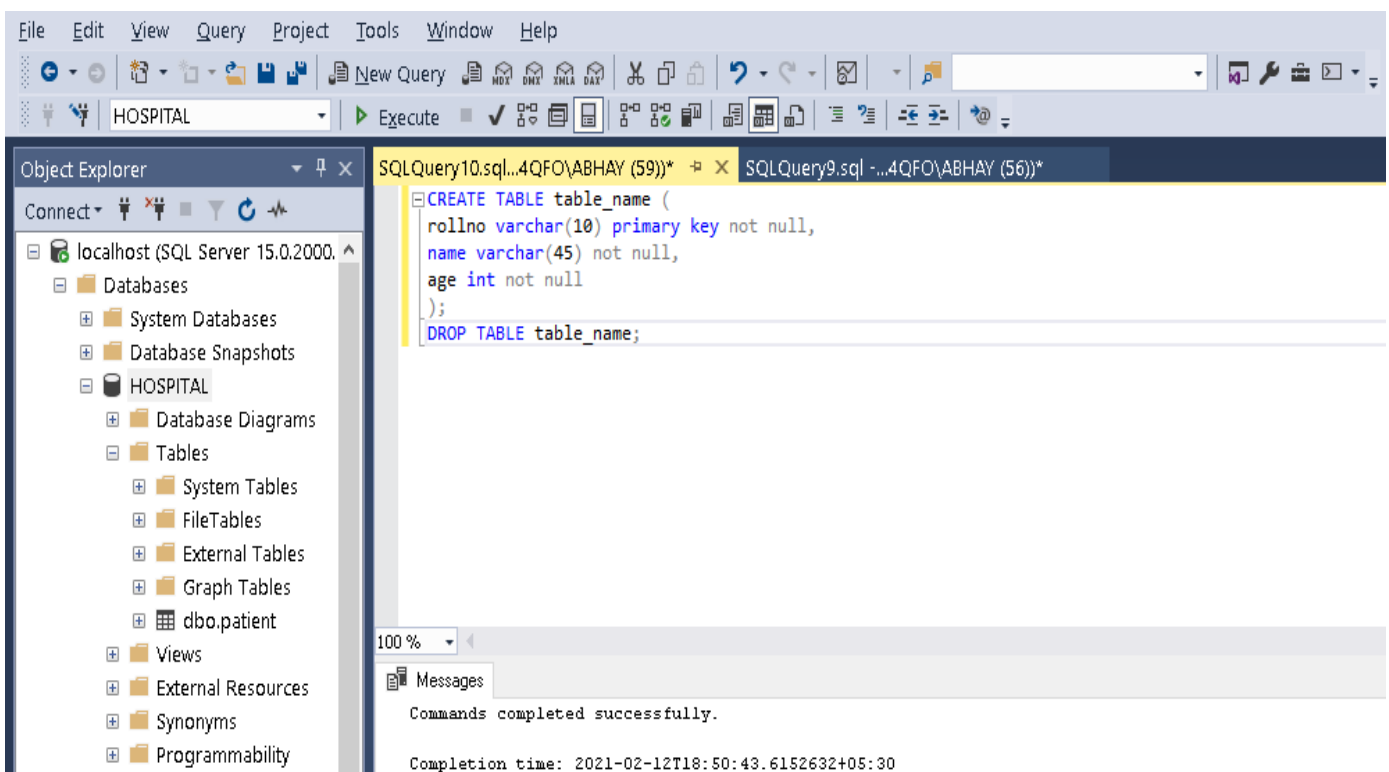
The Results pane at the bottom shows the following output:

	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. The Object Explorer on the left displays the 'HOSPITAL' database structure, including 'Tables' and 'dbo.patient'. The main window shows the 'sp_help patient;' command executed in a query window. The results pane displays the schema details for the 'patient' table.

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
1 ID	int	no	4	10	0	no	(n/a)	(n/a)	NULL
2 Name	varchar	no	45			no	no	no	SQL_Latir
3 Currentcase	varchar	no	45			no	no	no	SQL_Latir
4 Phonenummer	varchar	no	45			no	no	no	SQL_Latir
5 Qualification	varchar	no	45			no	no	no	SQL_Latir
6 Salary	int	no	4	10	0	no	(n/a)	(n/a)	NULL

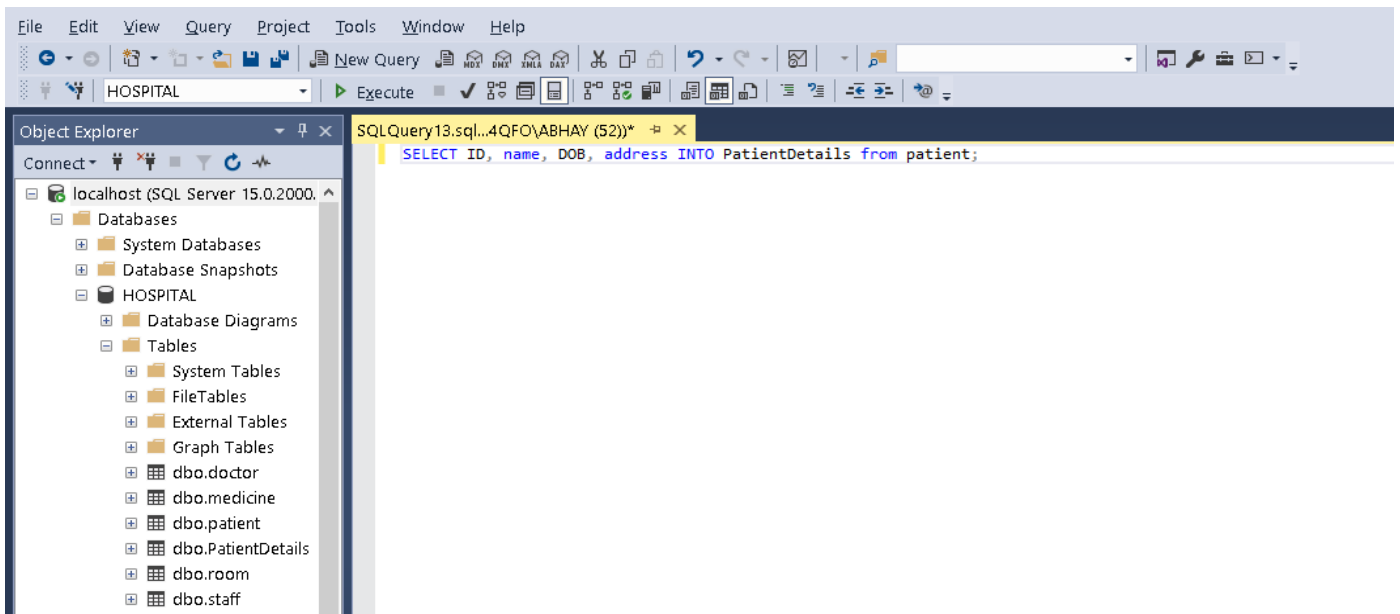
Identity	Seed	Increment	Not For Replication
1 No identity column defined.	NULL	NULL	NULL

6. Show all the tables from the database.

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the 'HOSPITAL' database structure, including 'Tables' and 'dbo.doctor', 'dbo.medicine', 'dbo.patient', 'dbo.room', 'dbo.staff'. The main window shows the 'SELECT * FROM SYSOBJECTS WHERE xtype='U';' command executed in a query window. The results pane displays a list of all user tables in the database.

name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcatid	schema_ver
1 doctor	581577110	U	1	0	0	0	0	0	2021-02-12 18:41:11.790	0	0
2 patient	645577338	U	1	0	0	0	0	0	2021-02-12 19:07:11.750	0	0
3 staff	677577452	U	1	0	0	0	0	0	2021-02-12 19:10:06.593	0	0
4 medicine	709577566	U	1	0	0	0	0	0	2021-02-12 19:11:40.797	0	0
5 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.

