

DBMS LAB ASSIGNMENT-2

NAME : G.Mohith Krishna

Roll No. : 19BCS043

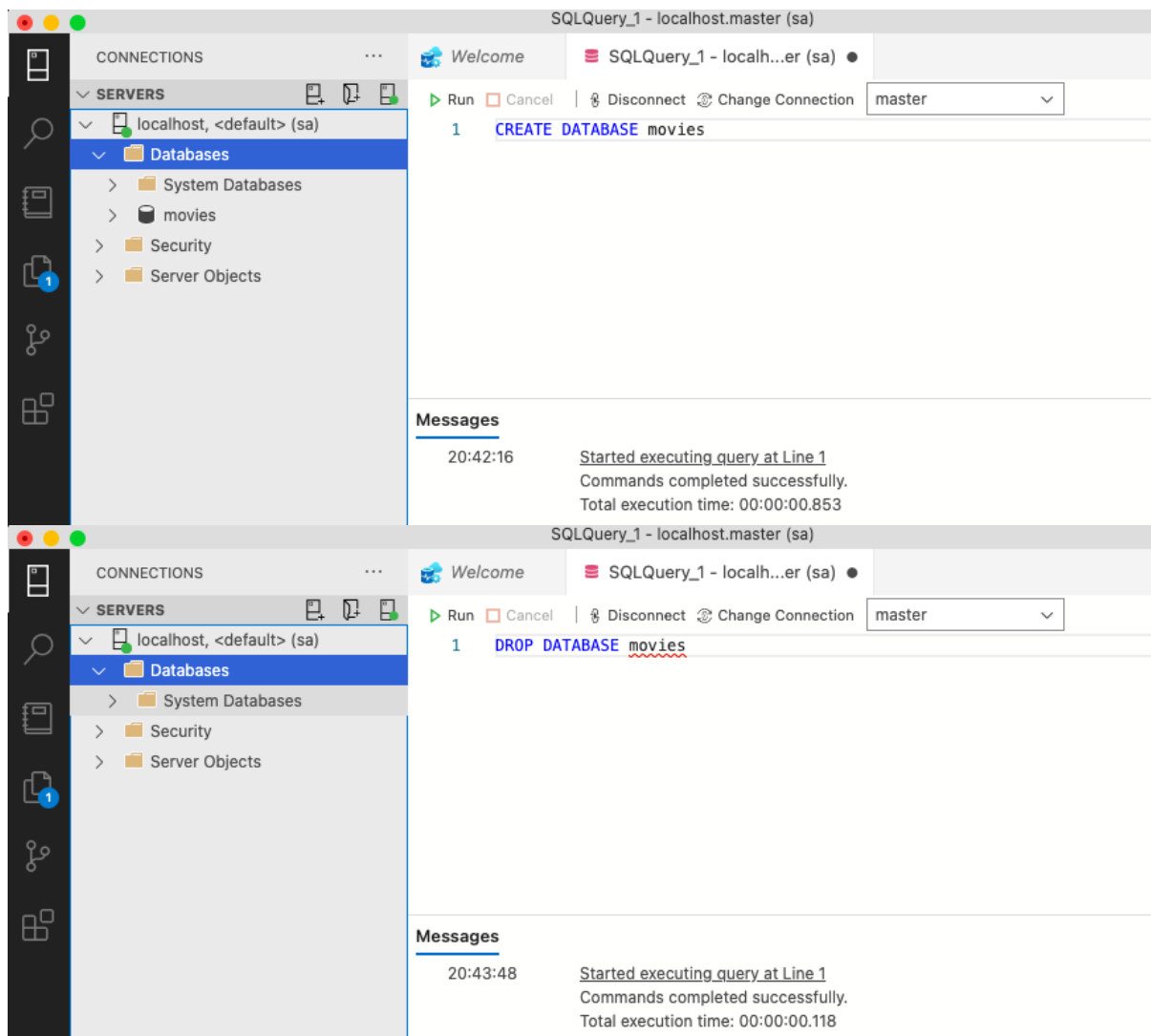
Q1) Show how to create and drop database?

SQL QUERY:

CREATE DATABASE database_name

DROP DATABASE database_name

OUTPUT:

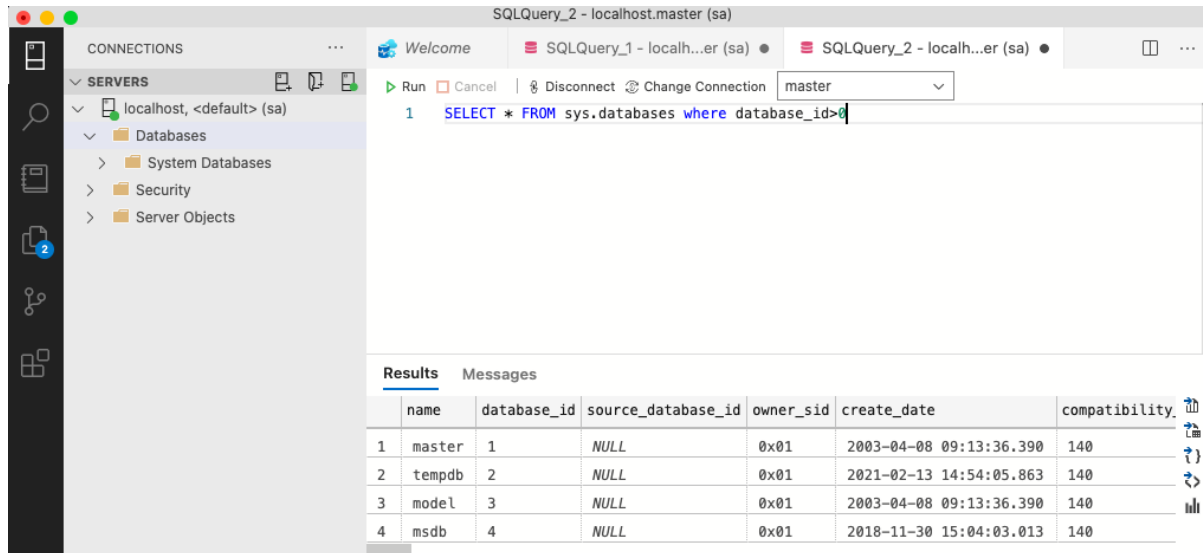


Q2) Show all the databases are in the system?

SQL QUERY:

```
SELECT * FROM sys.databases where database_id>0
```

OUTPUT :



The screenshot shows the SQL Server Enterprise Manager interface. The left pane displays the 'SERVERS' tree with 'localhost, <default> (sa)' expanded, showing 'Databases', 'System Databases', 'Security', and 'Server Objects'. The right pane shows the query editor with the query 'SELECT * FROM sys.databases where database_id>0'. Below the query editor, the 'Results' pane displays the output of the query as a table with 7 columns: name, database_id, source_database_id, owner_sid, create_date, and compatibility. The table contains 4 rows of data for the master, tempdb, model, and msdb databases.

	name	database_id	source_database_id	owner_sid	create_date	compatibility
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	140
2	tempdb	2	NULL	0x01	2021-02-13 14:54:05.863	140
3	model	3	NULL	0x01	2003-04-08 09:13:36.390	140
4	msdb	4	NULL	0x01	2018-11-30 15:04:03.013	140

Q3) Create table for your database ?

SQL QUERY:

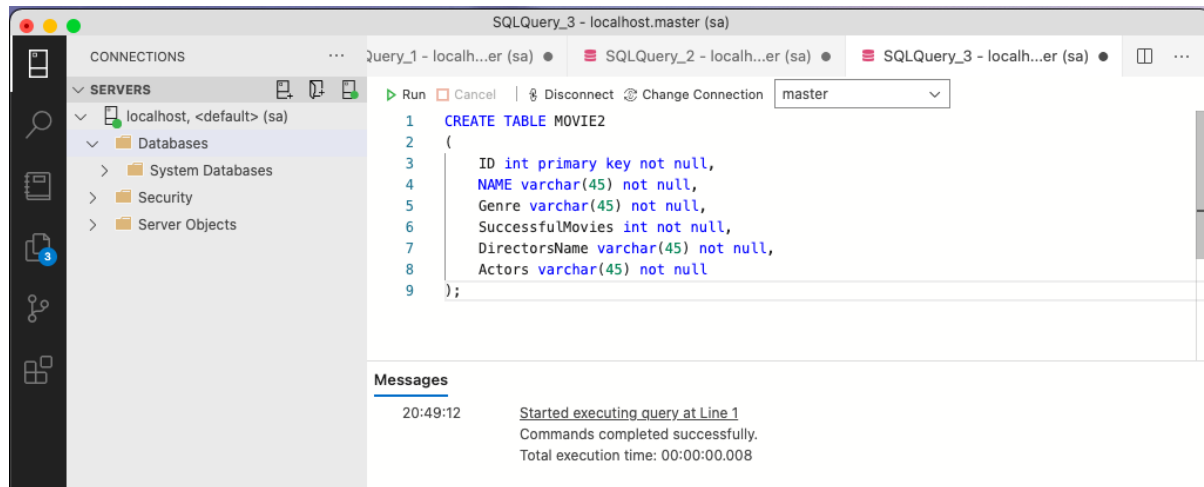
```
CREATE TABLE MOVIE2
```

```
(
```

```
    ID int primary key not null,  
    NAME varchar(45) not null,  
    Genre varchar(45) not null,  
    SuccessfulMovies int not null,  
    DirectorsName varchar(45) not null,  
    Actors varchar(45) not null
```

```
);
```

OUTPUT :

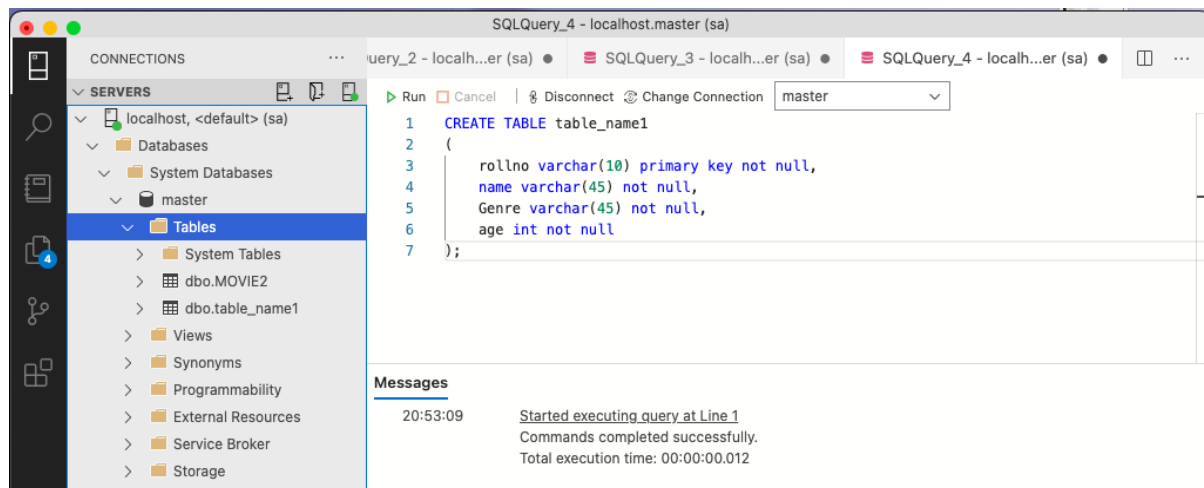


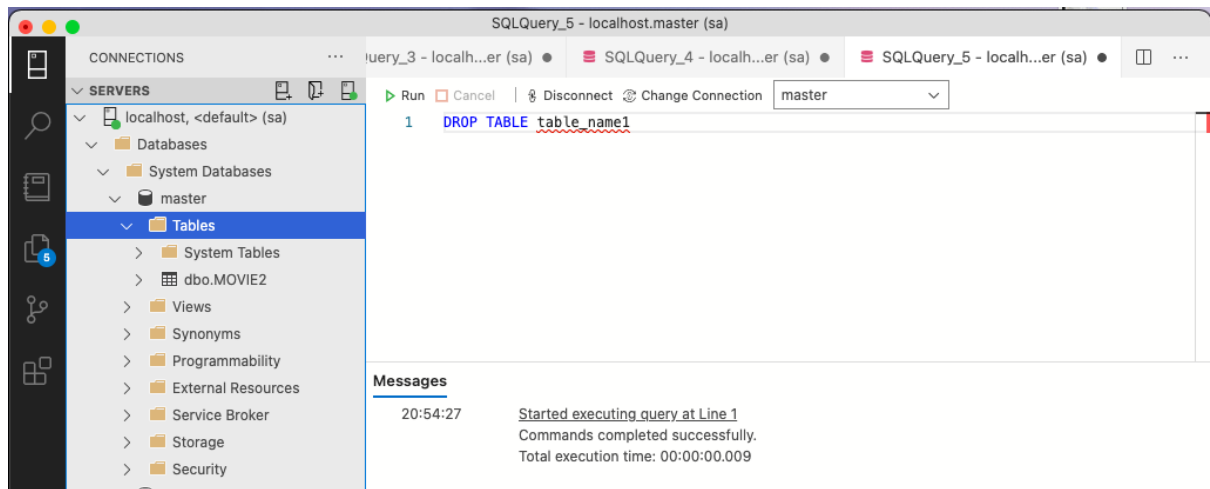
Q4) Drop Table ?

SQL QUERY:

DROP TABLE table_name

OUTPUT :

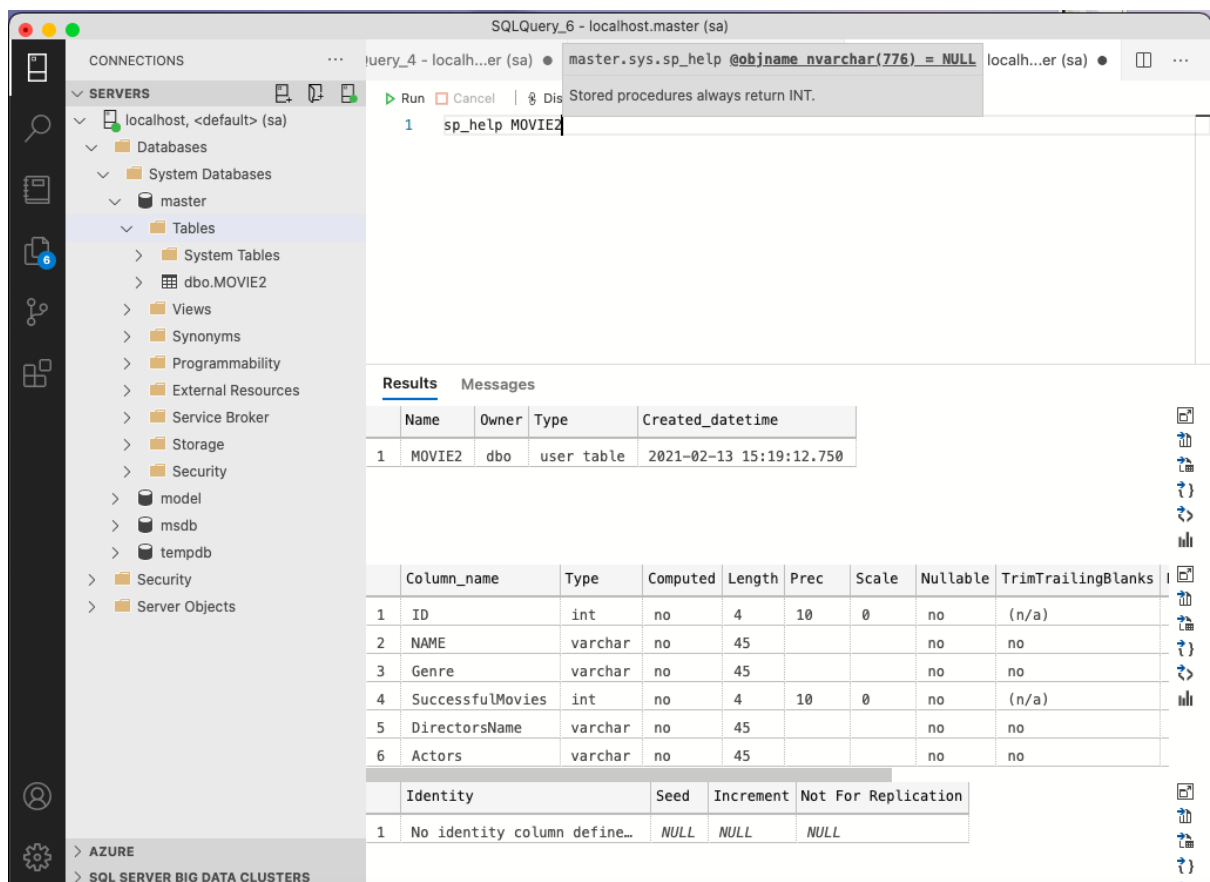




Q5) Show how to check the schema of the tables ?

SQL QUERY ;
Sp_help Table_name

OUTPUT :

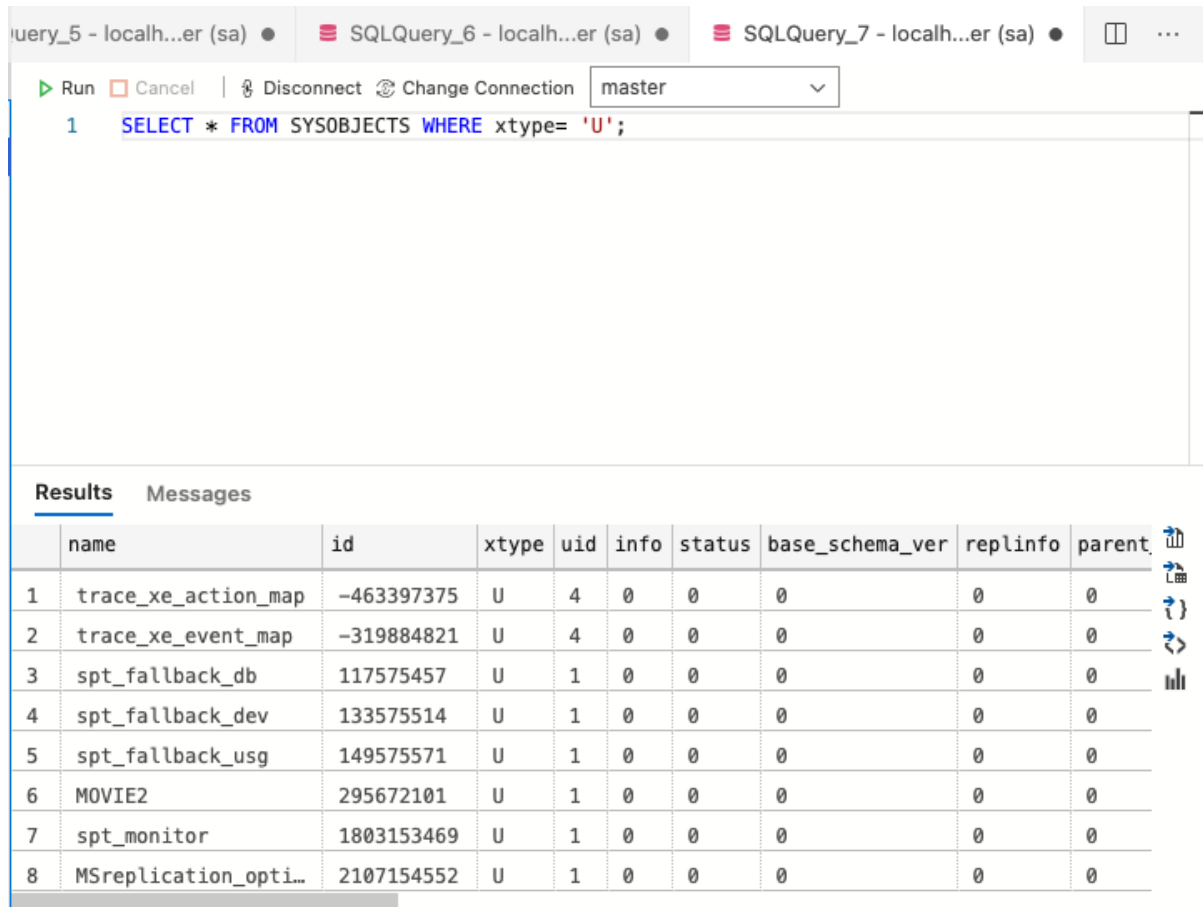


Q6) Show all the tables are from the database ?

SQL QUERY :

SEELCT * FROM SYSOBJECTS

OUTPUT :



The screenshot shows a SQL Server Enterprise Manager interface. At the top, there are tabs for 'query_5 - localh...er (sa)', 'SQLQuery_6 - localh...er (sa)', and 'SQLQuery_7 - localh...er (sa)'. Below the tabs, there is a toolbar with 'Run', 'Cancel', 'Disconnect', and 'Change Connection' buttons. The 'Run' button is highlighted. The query editor shows the following SQL query:

```
1 SELECT * FROM SYSOBJECTS WHERE xtype= 'U';
```

Below the query editor, there is a 'Results' tab. The 'Results' tab is selected, and it displays a table with 10 columns: 'name', 'id', 'xtype', 'uid', 'info', 'status', 'base_schema_ver', 'replinfo', and 'parent'. The table contains 8 rows of data, representing various system objects in the database.

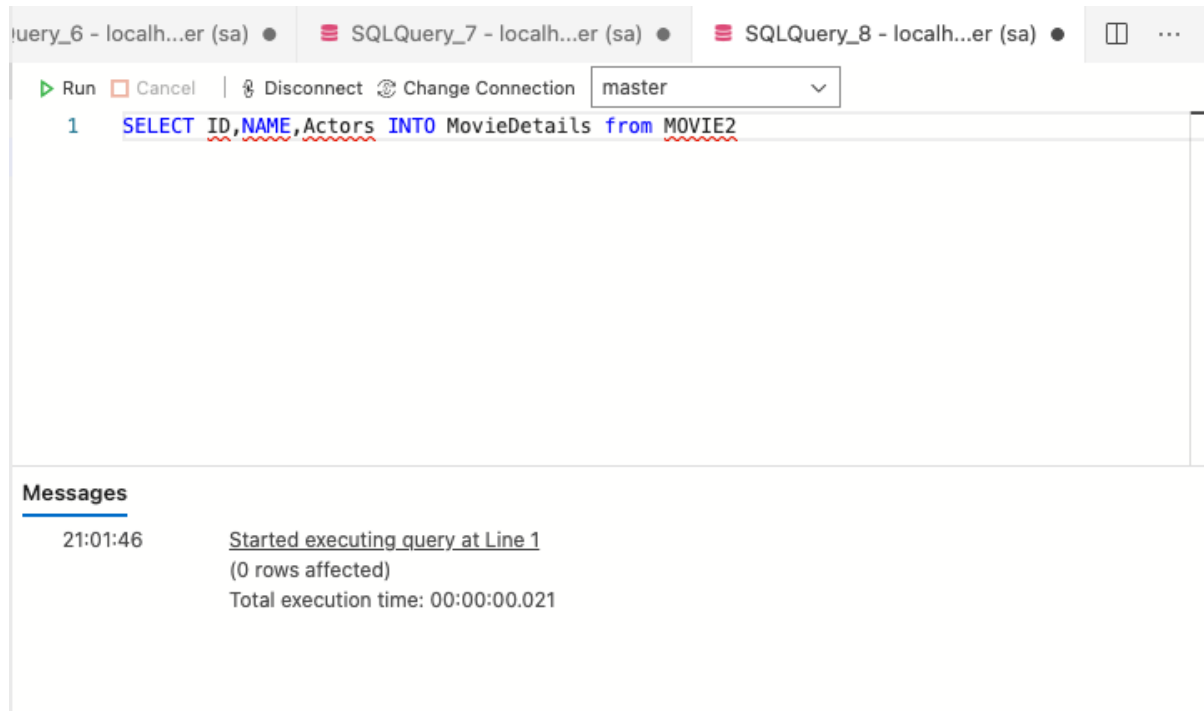
	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent
1	trace_xe_action_map	-463397375	U	4	0	0	0	0	0
2	trace_xe_event_map	-319884821	U	4	0	0	0	0	0
3	spt_fallback_db	117575457	U	1	0	0	0	0	0
4	spt_fallback_dev	133575514	U	1	0	0	0	0	0
5	spt_fallback_usg	149575571	U	1	0	0	0	0	0
6	MOVIE2	295672101	U	1	0	0	0	0	0
7	spt_monitor	1803153469	U	1	0	0	0	0	0
8	MSreplication_opti...	2107154552	U	1	0	0	0	0	0

Q7) Create table using SELECT statement ?

SQL QUERY :

SELECT * INTO newtable FROM oldtable WHERE<condition>

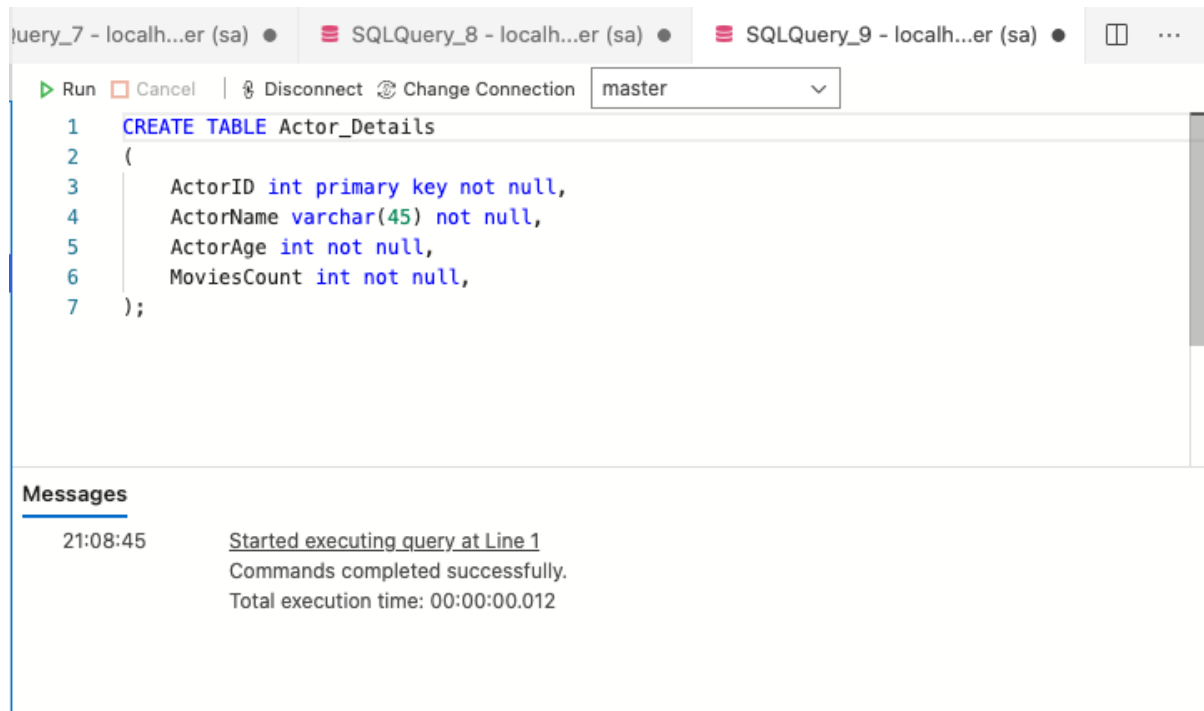
OUTPUT :



The screenshot shows the SQL Server Enterprise Manager interface. At the top, there are three tabs: 'query_6 - localh...er (sa)', 'SQLQuery_7 - localh...er (sa)', and 'SQLQuery_8 - localh...er (sa)'. The 'SQLQuery_7' tab is active. Below the tabs, there is a toolbar with buttons for 'Run', 'Cancel', 'Disconnect', and 'Change Connection'. The 'Run' button is highlighted. Below the toolbar, the SQL query is displayed: `1 SELECT ID,NAME,Actors INTO MovieDetails from MOVIE2`. The query is executed, and the 'Messages' pane at the bottom shows the following information:
21:01:46 Started executing query at Line 1
(0 rows affected)
Total execution time: 00:00:00.021

Q8) Create a table which has derived attribute ?

OUTPUT :



The screenshot shows the SQL Server Enterprise Manager interface. At the top, there are three tabs: 'query_7 - localh...er (sa)', 'SQLQuery_8 - localh...er (sa)', and 'SQLQuery_9 - localh...er (sa)'. The 'SQLQuery_8' tab is active. Below the tabs, there is a toolbar with buttons for 'Run', 'Cancel', 'Disconnect', and 'Change Connection'. The 'Run' button is highlighted. Below the toolbar, the SQL query is displayed: `1 CREATE TABLE Actor_Details
2 (
3 ActorID int primary key not null,
4 ActorName varchar(45) not null,
5 ActorAge int not null,
6 MoviesCount int not null,
7);`. The query is executed, and the 'Messages' pane at the bottom shows the following information:
21:08:45 Started executing query at Line 1
Commands completed successfully.
Total execution time: 00:00:00.012

