

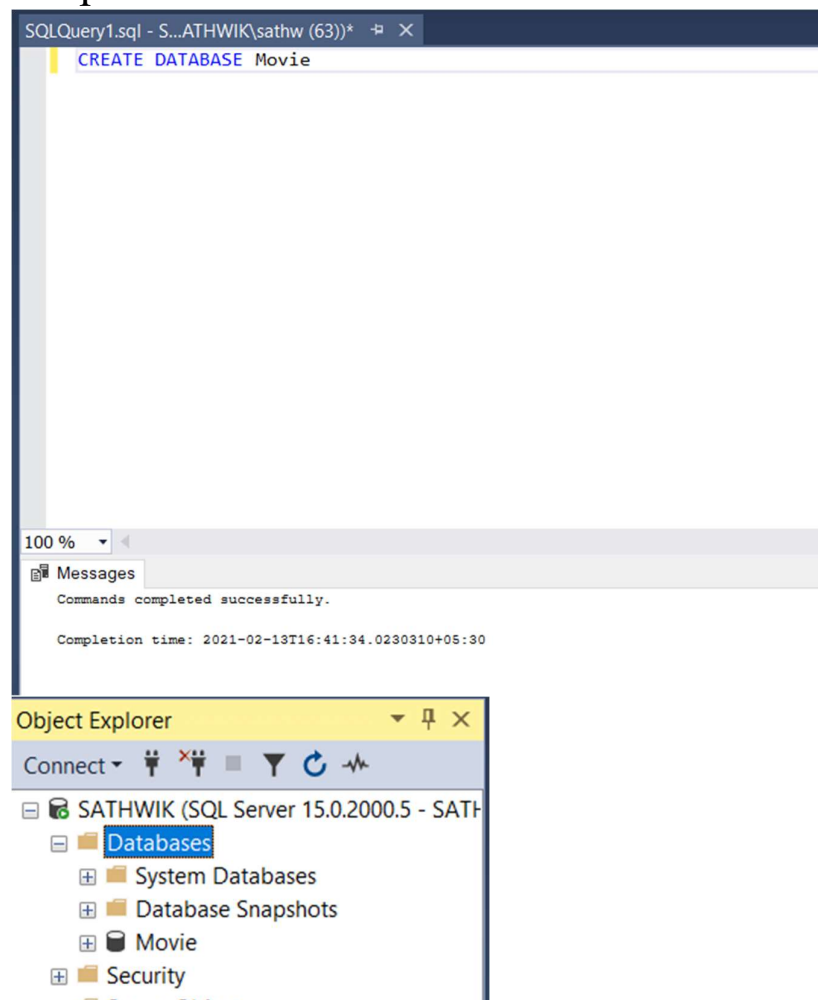
# DBMS Lab Assignment 2

Name: B S Sathwik Goud

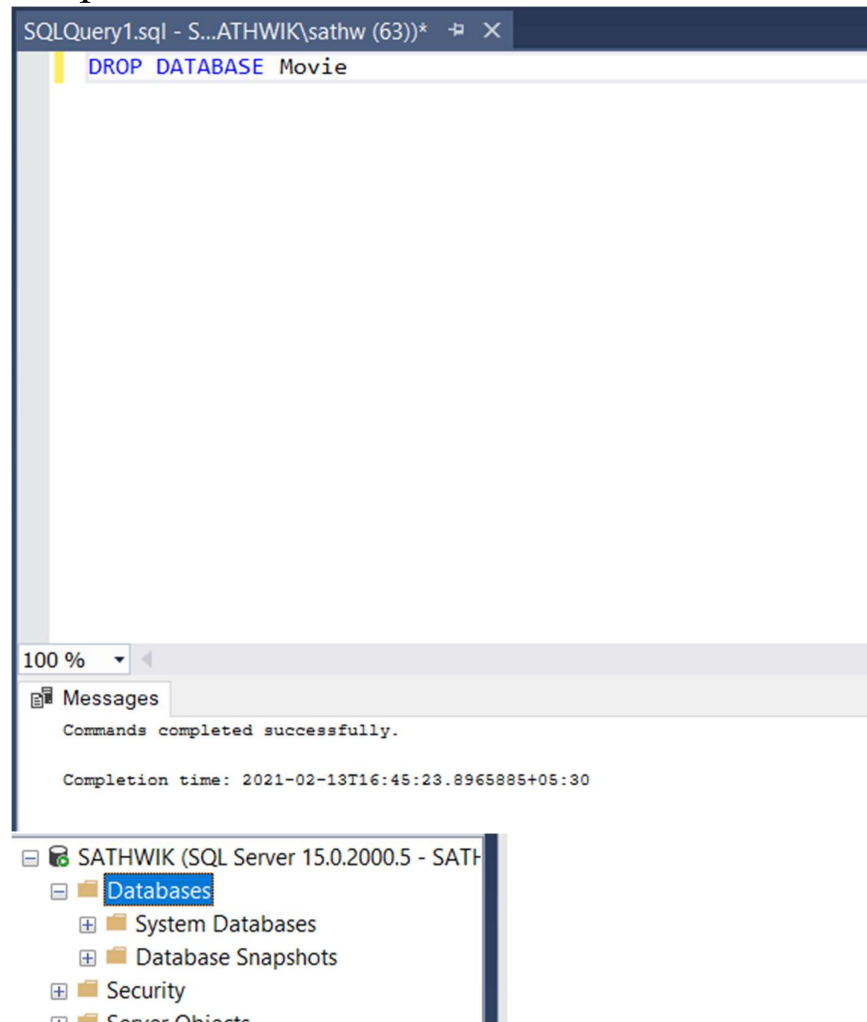
Reg No: 19BCS015

Q1)

- (i) Creating:  
SQL QUERY  
CREATE DATABASE database\_name  
Output: -



- (ii) Dropping:  
SQL QUERY-  
DROP DATABASE database\_name  
Output: -

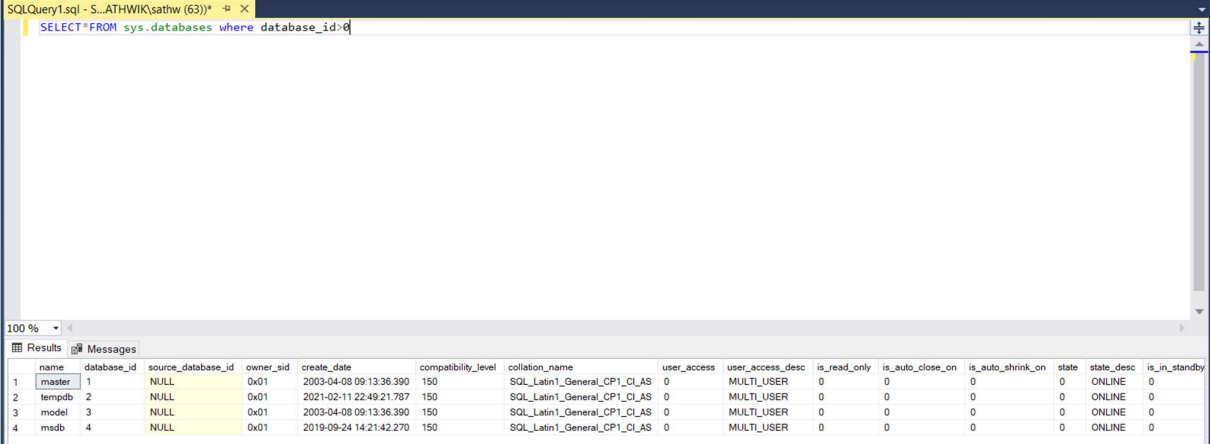


Q2) Show all the databases are in the system

SQL QUERY:

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

Output:



SQLQuery1.sql - S..ATHWIK(sathw (63))\*

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

	name	database_id	source_database_id	owner_sid	create_date	compatibility_level	collation_name	user_access	user_access_desc	is_read_only	is_auto_close_on	is_auto_shrink_on	state	state_desc	is_in_standby
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE	0
2	tempdb	2	NULL	0x01	2021-02-11 22:49:21.787	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE	0
3	model	3	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE	0
4	msdb	4	NULL	0x01	2019-09-24 14:21:42.270	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE	0

Q3) Creating table for database

SQL QUERY:

CREATE TABLE Movie1

(

ID int primary key not null,

NAME varchar(45) not null,

Genre varchar(45) not null,

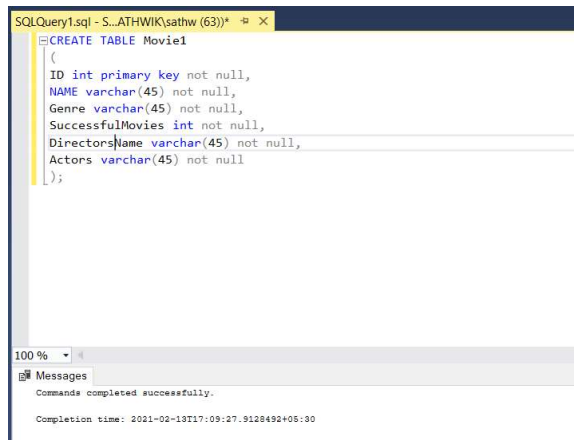
SuccessfulMovies int not null,

DirectorsName varchar(45) not null,

Actors varchar(45) not null

);

Output:



```
SQLQuery1.sql - S...ATHWIK\sathw (63))* X
CREATE TABLE Movie1
(
  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
);
```

100 %

Messages

Commands completed successfully.

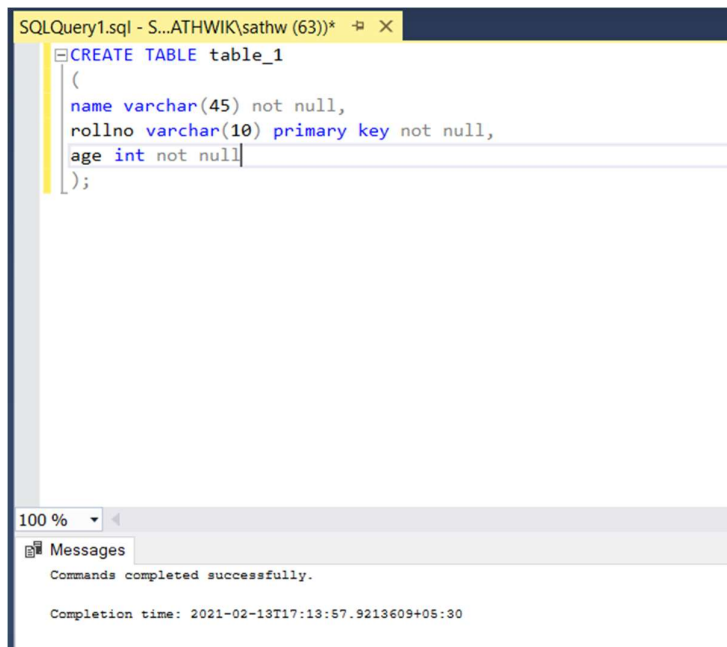
Completion time: 2021-02-13T17:09:27.9128492+05:30

Q4) Drop Table

SQL QUERY:

DROP TABLE table\_name

Output:



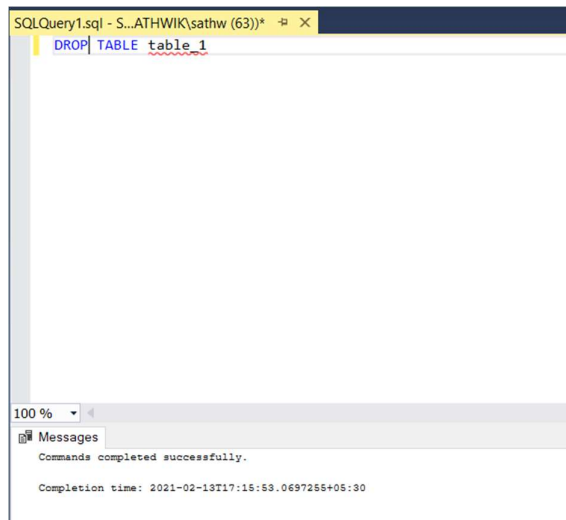
```
SQLQuery1.sql - S...ATHWIK\sathw (63))* X
CREATE TABLE table_1
(
  name varchar(45) not null,
  rollno varchar(10) primary key not null,
  age int not null
);
```

100 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T17:13:57.9213609+05:30



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

SQL QUERY:

`sp_help Table_name`

Output:

SQLQuery1.sql - S...ATHWIK\sathw (63))\*

```

sp_help Movie1

```

100 %

Results Messages

Name	Owner	Type	Created_datetime
Movie1	dbo	user table	2021-02-13 17:09:27.813

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_Latin1_General_CP1_CI_AS
Genre	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS
SuccessfulMovies	int	no	4	10	0	no	(n/a)	(n/a)	NULL
DirectorsName	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS
Actors	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS

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

RowGuidCol
No rowguidcol column defined.

Data_located_on_filegroup
PRIMARY

index_name	index_description	index_keys
PK_Movie1__3214EC27274346F0	clustered, unique, primary key located on PRIMARY	ID

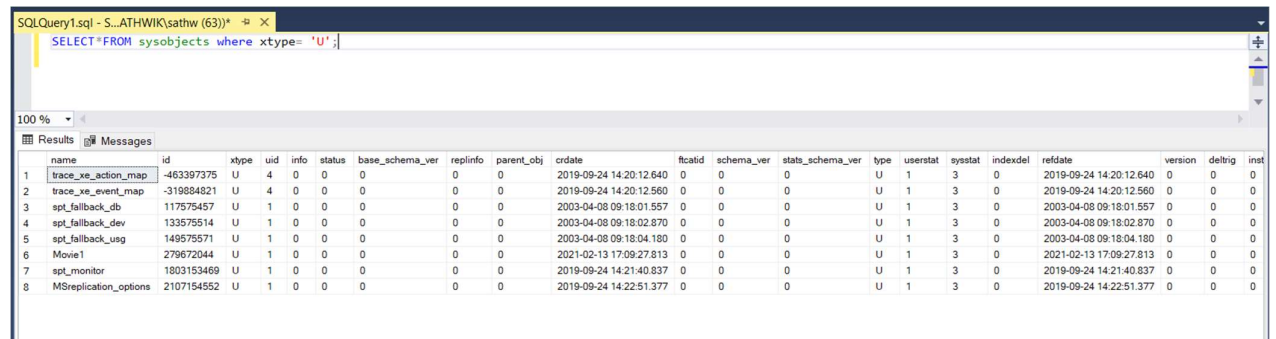
constraint_type	constraint_name	delete_action	update_action	status_enabled	status_for_replication	constraint_keys
PRIMARY KEY (clustered)	PK_Movie1__3214EC27274346F0	(n/a)	(n/a)	(n/a)	(n/a)	ID

Q6) Show all the tables are from the database.

SQL QUERY:

`SELECT*FROM sysobjects where xtype= 'U';`

Output:



SQLQuery1.sql - S...ATHWIK\sathw (63))\*

```
SELECT * FROM sysobjects where xtype= 'U';
```

100 %

Results Messages

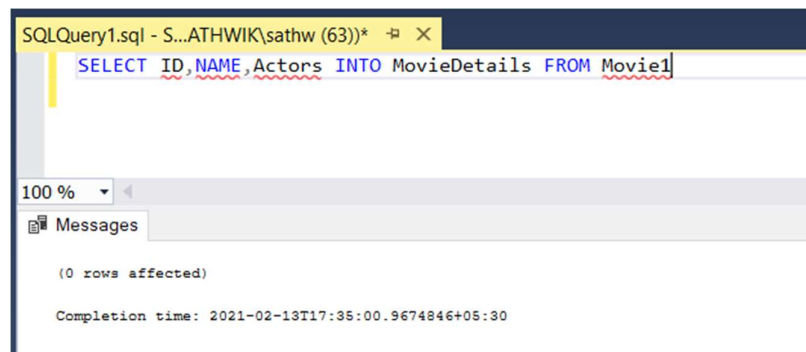
	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	flcatid	schema_ver	stats_schema_ver	type	userstat	sysstat	indexdel	refdate	version	deltrig	inst
1	trace_xe_action_map	-463397375	U	4	0	0	0	0	0	2019-09-24 14:20:12.640	0	0	0	U	1	3	0	2019-09-24 14:20:12.640	0	0	0
2	trace_xe_event_map	-319884821	U	4	0	0	0	0	0	2019-09-24 14:20:12.560	0	0	0	U	1	3	0	2019-09-24 14:20:12.560	0	0	0
3	spt_fallback_db	117575457	U	1	0	0	0	0	0	2003-04-08 09:18:01.557	0	0	0	U	1	3	0	2003-04-08 09:18:01.557	0	0	0
4	spt_fallback_dev	133575514	U	1	0	0	0	0	0	2003-04-08 09:18:02.870	0	0	0	U	1	3	0	2003-04-08 09:18:02.870	0	0	0
5	spt_fallback_usg	149575571	U	1	0	0	0	0	0	2003-04-08 09:18:04.180	0	0	0	U	1	3	0	2003-04-08 09:18:04.180	0	0	0
6	Movie1	279672044	U	1	0	0	0	0	0	2021-02-13 17:09:27.813	0	0	0	U	1	3	0	2021-02-13 17:09:27.813	0	0	0
7	spt_monitor	1803153469	U	1	0	0	0	0	0	2019-09-24 14:21:40.837	0	0	0	U	1	3	0	2019-09-24 14:21:40.837	0	0	0
8	MSReplication_options	2107154552	U	1	0	0	0	0	0	2019-09-24 14:22:51.377	0	0	0	U	1	3	0	2019-09-24 14:22:51.377	0	0	0

Q7) Create table using SELECT statement

SQL QUERY:

SELECT \* INTO newtable FROM oldtable WHERE <condition>

Output:



SQLQuery1.sql - S...ATHWIK\sathw (63))\*

```
SELECT ID, NAME, Actors INTO MovieDetails FROM Movie1
```

100 %

Messages

(0 rows affected)

Completion time: 2021-02-13T17:35:00.9674846+05:30

Q8) Create a table which has derived attribute.

SQL QUERY:

CREATE TABLE Payment\_Details

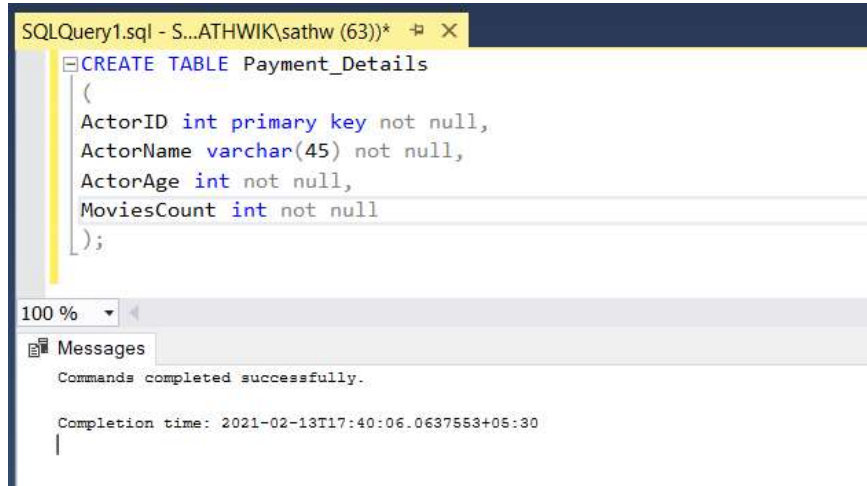
(

ActorID int primary key not null,

ActorName varchar(45) not null,

ActorAge int not null,  
MoviesCount int not null  
);

Output:



The screenshot shows a SQL Server Enterprise Manager window titled "SQLQuery1.sql - S...ATHWIK\sathw (63))\*". The main pane displays a SQL script to create a table named "Payment\_Details". The script is as follows:

```
CREATE TABLE Payment_Details
(
  ActorID int primary key not null,
  ActorName varchar(45) not null,
  ActorAge int not null,
  MoviesCount int not null
);
```

Below the script, there is a "Messages" pane showing the execution results. It indicates that the commands were completed successfully and provides the completion time: 2021-02-13T17:40:06.0637553+05:30.