

# DBMS LAB ASSIGNMENT - 2

NAME: R. DHATRI KIRAN

ROLL No. : 19BCS093

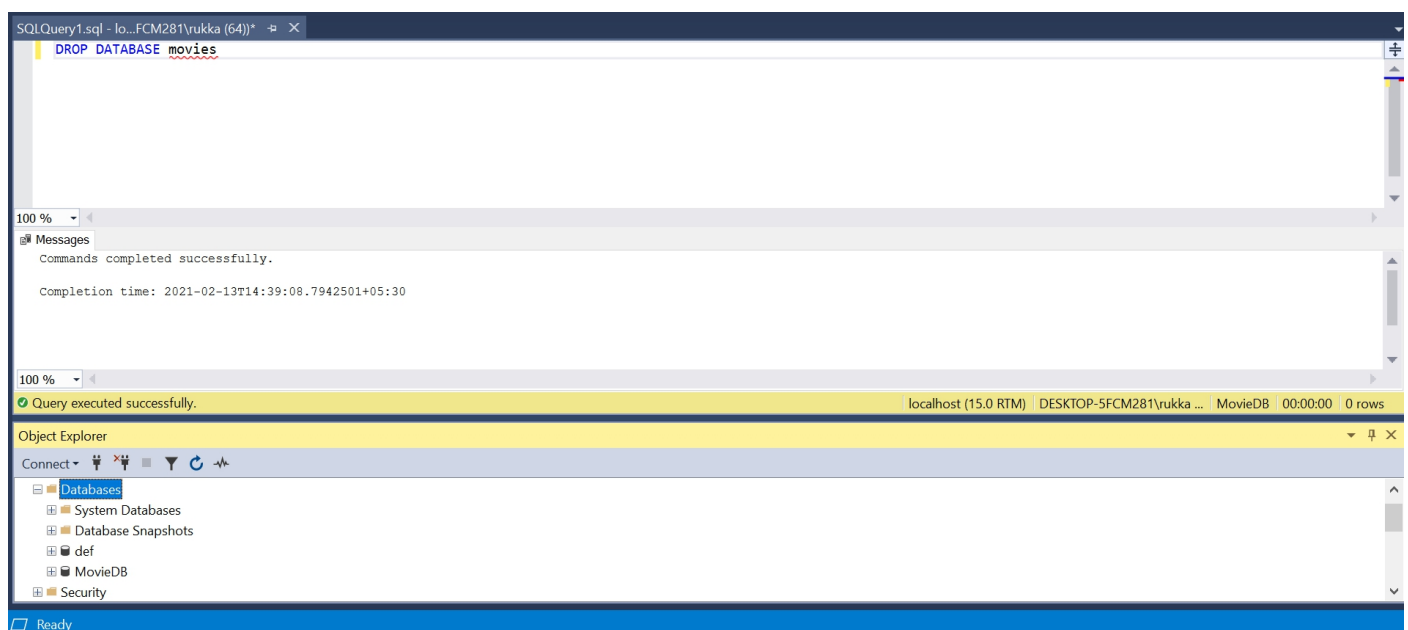
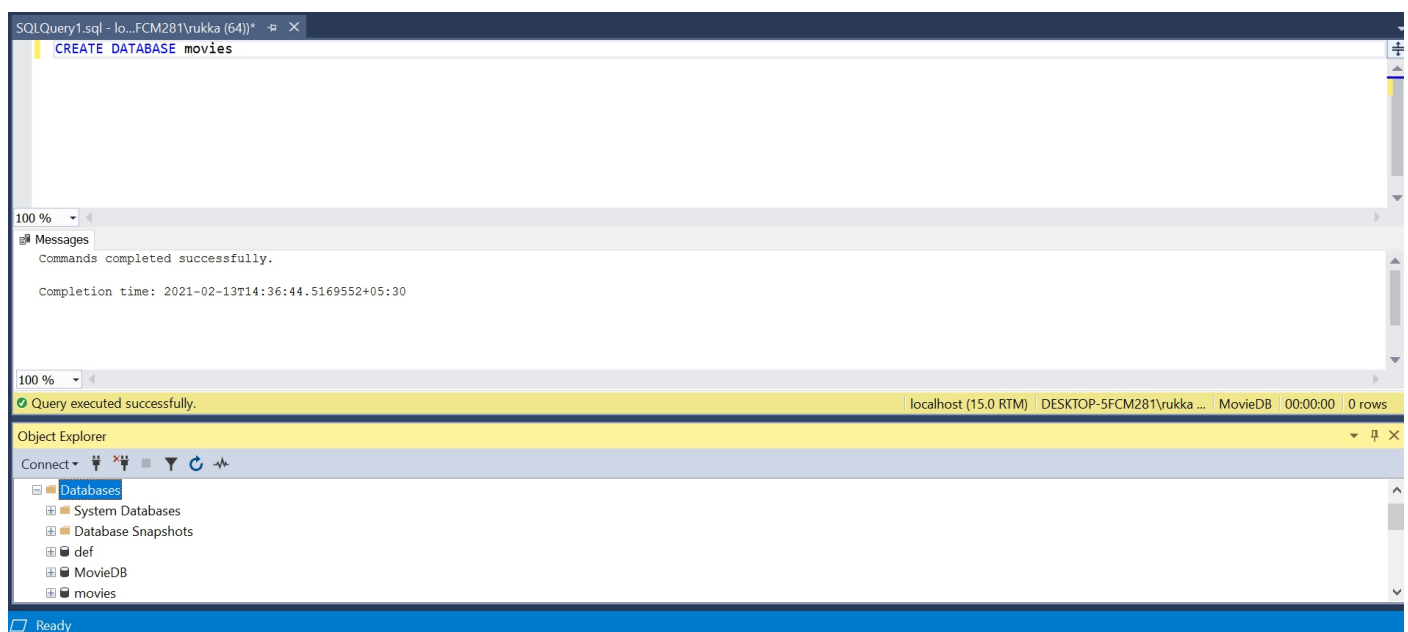
Q1) Show how to Create and Drop Database ?

SQL QUERY:

CREATE DATABASE database\_name

DROP DATABASE database\_name

OUTPUT:

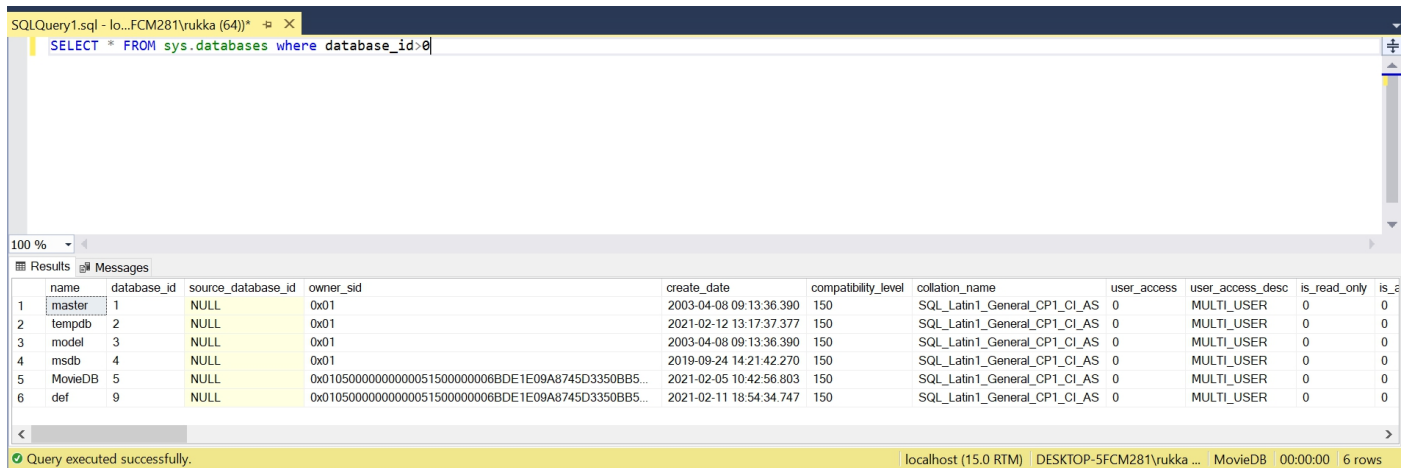


Q2) Show all the databases are in the system ?

SQL QUERY:

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

OUTPUT:



The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays the query: `SELECT * FROM sys.databases where database_id > 0`. The bottom pane shows the results of the query, which is a table with 11 columns: name, database\_id, source\_database\_id, owner\_sid, create\_date, compatibility\_level, collation\_name, user\_access, user\_access\_desc, is\_read\_only, and is\_e. The table contains 6 rows of data, representing the master, tempdb, model, msdb, MovieDB, and def databases.

	name	database_id	source_database_id	owner_sid	create_date	compatibility_level	collation_name	user_access	user_access_desc	is_read_only	is_e
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0
2	tempdb	2	NULL	0x01	2021-02-12 13:17:37.377	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	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
4	msdb	4	NULL	0x01	2019-09-24 14:21:42.270	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0
5	MovieDB	5	NULL	0x0105000000000000051500000006BDE1E09A8745D3350BB5...	2021-02-05 10:42:56.803	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0
6	def	9	NULL	0x0105000000000000051500000006BDE1E09A8745D3350BB5...	2021-02-11 18:54:34.747	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0

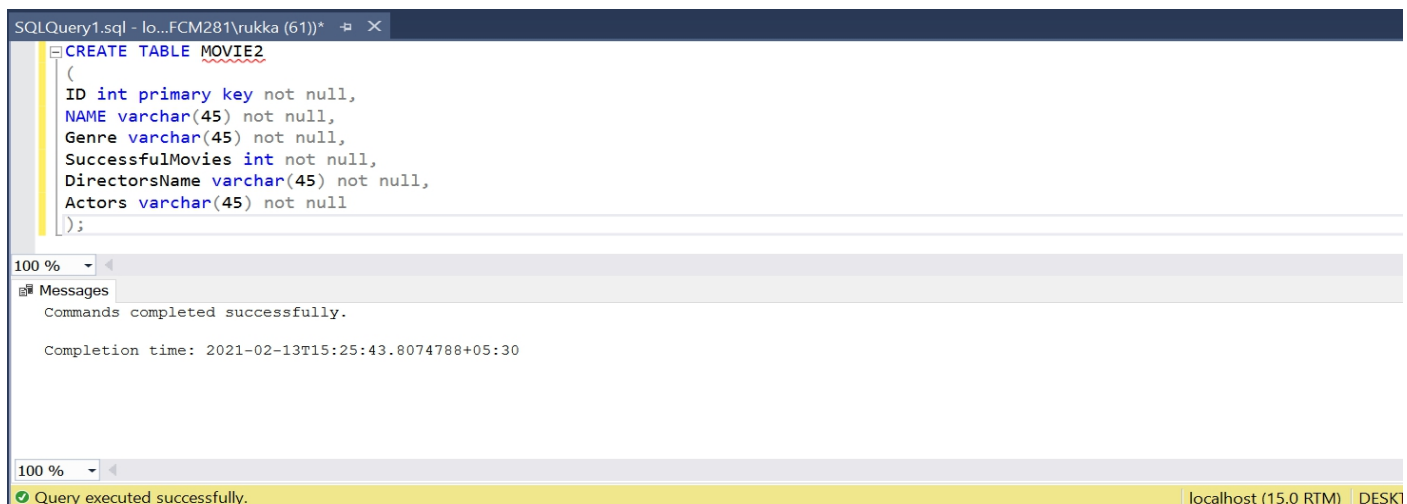
Query executed successfully. localhost (15.0 RTM) DESKTOP-5FCM281\rukka ... MovieDB 00:00:00 6 rows

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:



The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays the 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 );`. The bottom pane shows the results of the query, which is a message: "Commands completed successfully." and "Completion time: 2021-02-13T15:25:43.8074788+05:30".

Messages
Commands completed successfully.
Completion time: 2021-02-13T15:25:43.8074788+05:30

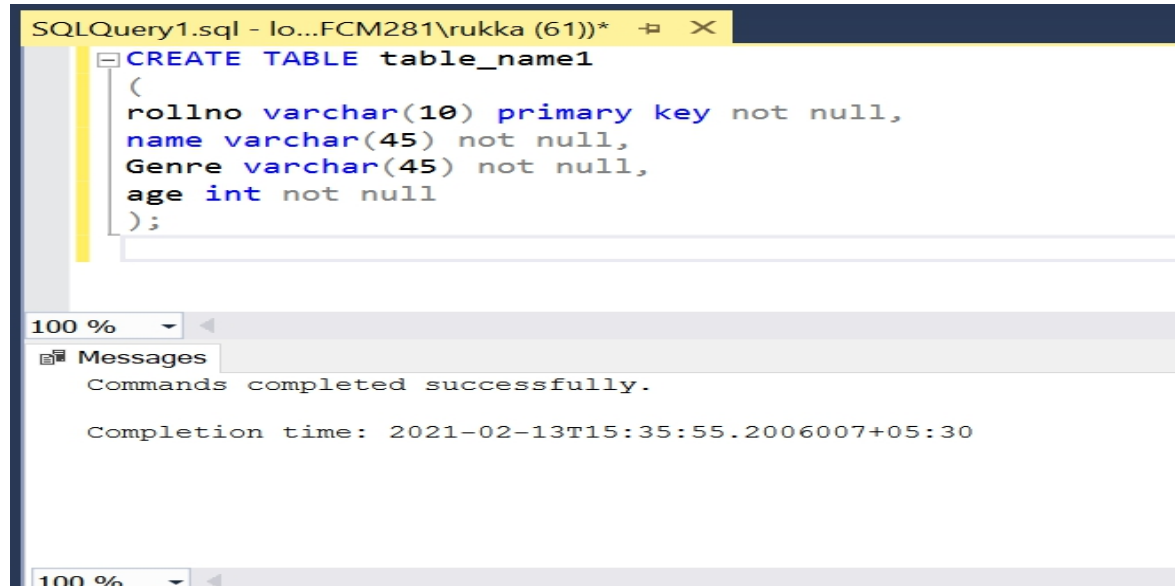
Query executed successfully. localhost (15.0 RTM) DESKTOP-5FCM281\rukka ... 00:00:00 0 rows

#### Q4) Drop Table ?

SQL QUERY:

DROP TABLE table\_name

OUTPUT:



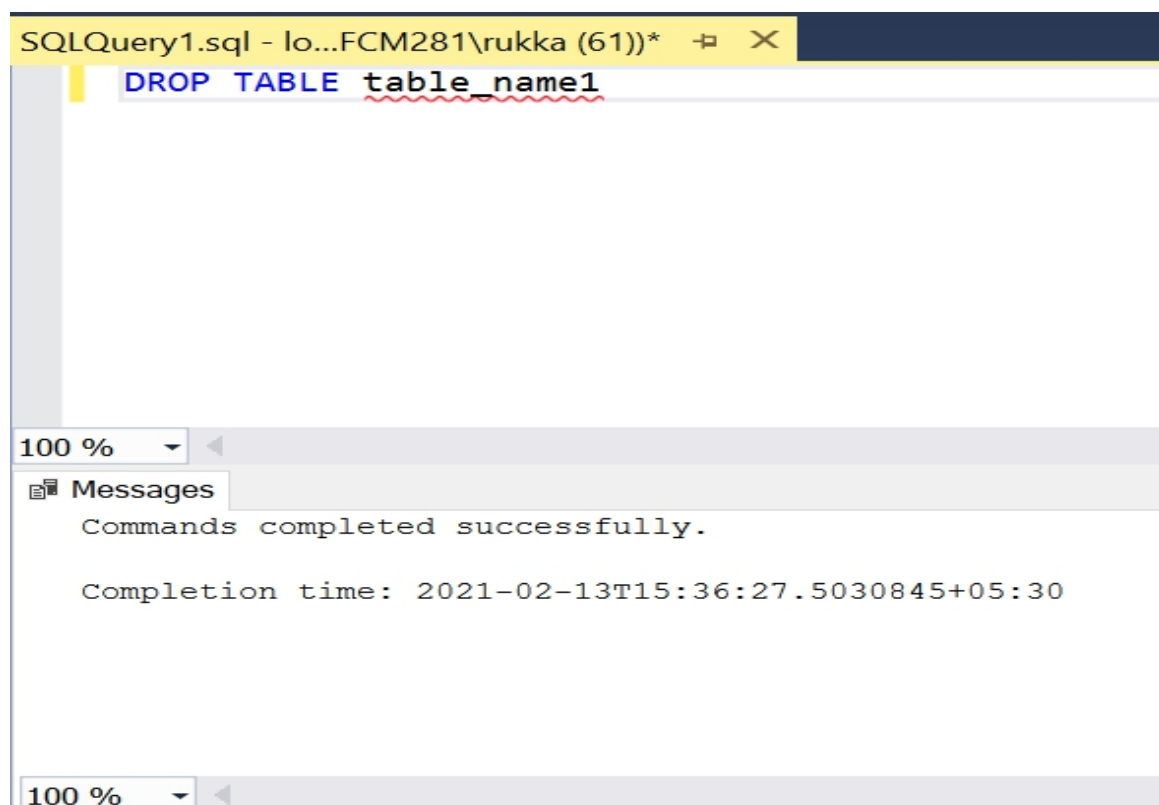
The screenshot shows a SQL Query Editor window titled "SQLQuery1.sql - lo...FCM281\rukka (61))\*". The editor contains the following SQL code:

```
CREATE TABLE table_name1
(
  rollno varchar(10) primary key not null,
  name varchar(45) not null,
  Genre varchar(45) not null,
  age int not null
);
```

Below the editor, a "Messages" pane shows the output:

```
Commands completed successfully.

Completion time: 2021-02-13T15:35:55.2006007+05:30
```



The screenshot shows the same SQL Query Editor window. The editor now contains the following SQL code:

```
DROP TABLE table_name1
```

Below the editor, the "Messages" pane shows the output:

```
Commands completed successfully.

Completion time: 2021-02-13T15:36:27.5030845+05:30
```

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

SQL QUERY:

sp\_help Table\_name

## OUTPUT:

SQLQuery1.sql - lo...FCM281\rukka (61))\* ✕

sp\_help MOVIE2

100 %

Results Messages

	Name	Owner	Type	Created_datetime
1	MOVIE2	dbo	user table	2021-02-13 15:33:53.720

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

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

	RowGuidCol
1	No rowguidcol column defined.

	Data_located_on_filegroup
1	PRIMARY

	index_name	index_description	index_keys
1	PK_MOVIE2_3214EC2770D6FF66	clustered, unique, primary key located on PRIMARY	ID

	constraint_type	constraint_name	delete_action	update_action	status_enabled	status_for_replication	constraint_keys
--	-----------------	-----------------	---------------	---------------	----------------	------------------------	-----------------

Query executed successfully. localt

Q6) Show all the tables are from the database ?

## SQL QUERY:

SELECT \* FROM SYSOBJECTS

## OUTPUT:

SQLQuery1.sql - lo...FCM281\rukka (61))\* ✕

SELECT \* FROM SYSOBJECTS WHERE xtype= 'U' ;

100 %

Results Messages

	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcatid	schema_ver	stats_schema_ver	type	userstat	sysstat	indexdel	refdate	version
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
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
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
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
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
6	MOVIE2	311672158	U	1	0	0	0	0	0	2021-02-13 15:33:53.720	0	0	0	U	1	3	0	2021-02-13 15:33:53.720	0
7	spt_monitor	18031534...	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
8	MReplication_optio...	21071545...	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

Query executed successfully. localhost (15.0 RTM) DESKTOP-5FCM281\rukka ... master 00:00:00 8 rows

Q7) Create table using SELECT statement ?

## SQL QUERY:

SELECT\*INTO newtable FROM oldtable WHERE<condition>

## OUTPUT:

```
SQLQuery1.sql - lo...FCM281\rukka (61))* X  
SELECT ID,NAME,Actors INTO MovieDetails from MOVIE2
```

100 %  
Messages

(0 rows affected)

Completion time: 2021-02-13T15:40:16.3289444+05:30

100 %  
✓ Query executed successfully.

Q8) Create a table which has derived attribute ?

## OUTPUT:

```
SQLQuery1.sql - lo...FCM281\rukka (61))* X  
CREATE TABLE Payment_Details  
(  
  ActorID int primary key not null,  
  ActorName varchar(45) not null,  
  ActorAge int not null,  
  MoviesCount int not null  
);
```

100 %  
Messages

Commands completed successfully.

Completion time: 2021-02-13T15:42:05.0794205+05:30

100 %