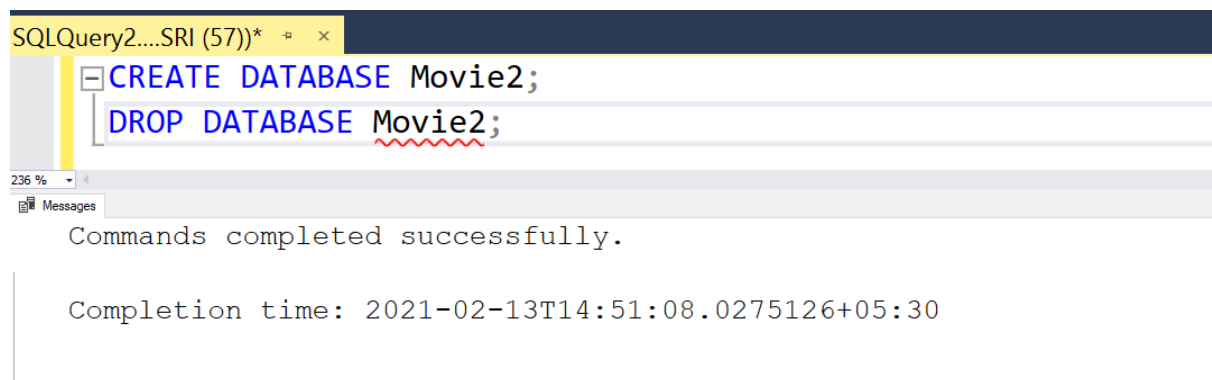


# DBMS LAB ASSIGNMENT-2

Name:K.Rehasree

Rollno:19BCS057

## 1.Show how to Create and Drop Database



The screenshot shows a SQL Query Editor window with the following commands:

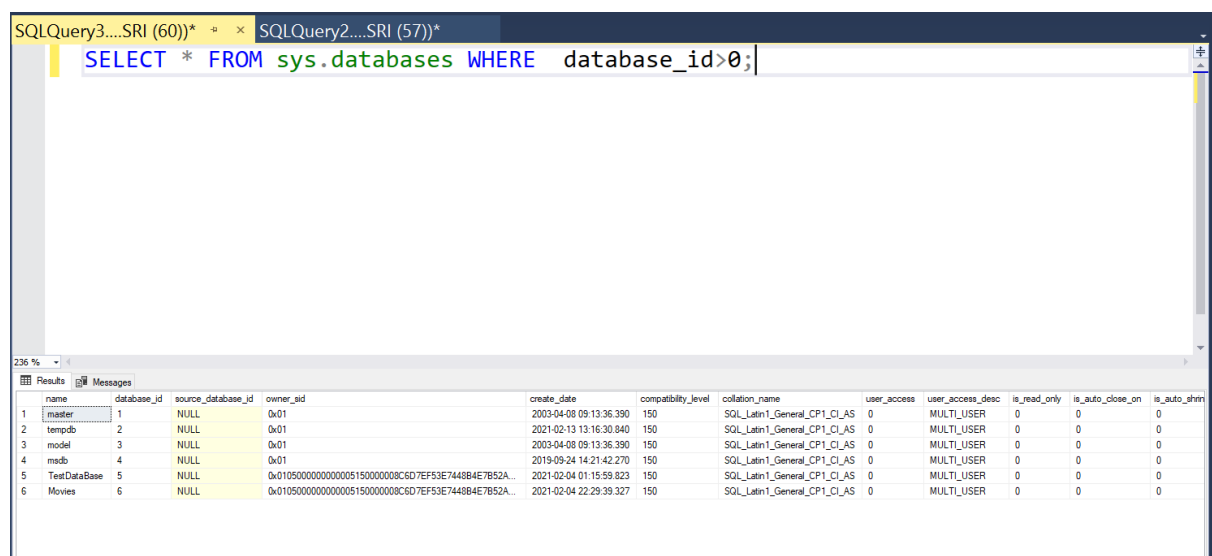
```
CREATE DATABASE Movie2;  
DROP DATABASE Movie2;
```

Below the editor, a Messages pane displays the following text:

Commands completed successfully.

Completion time: 2021-02-13T14:51:08.0275126+05:30

## 2.Show all the Databases are in the system



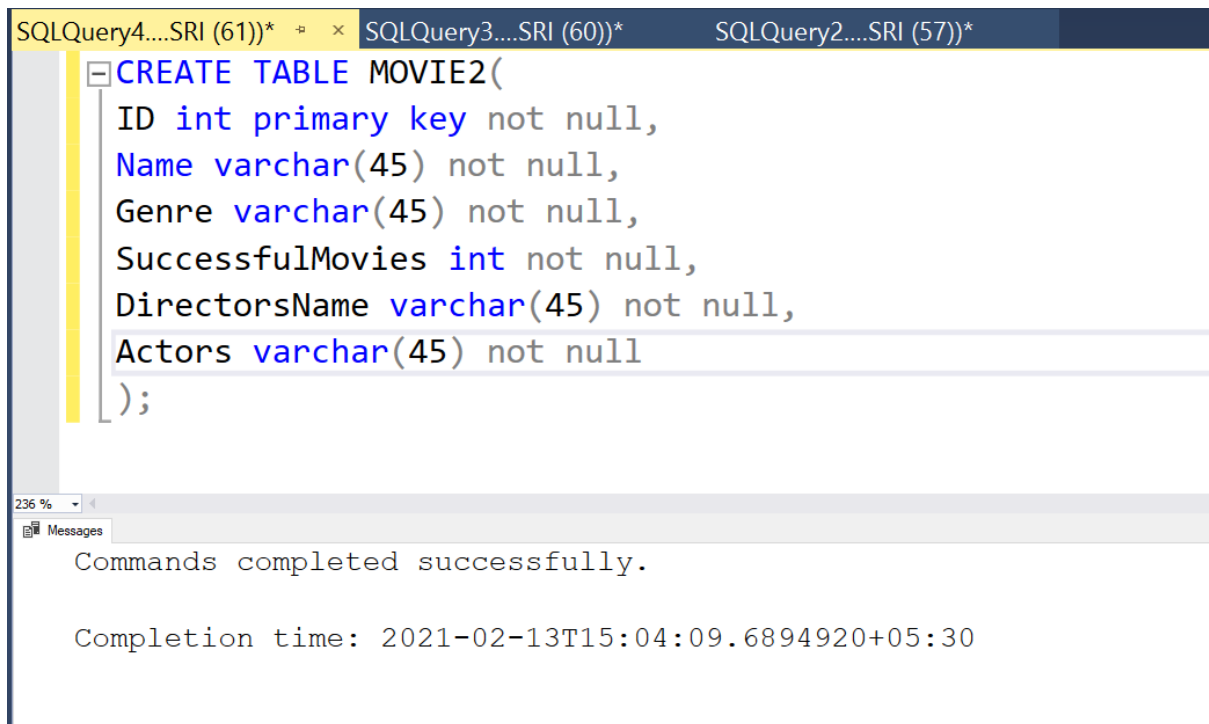
The screenshot shows a SQL Query Editor window with the following query:

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

Below the editor, a Results pane displays the following table:

	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
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
2	tempdb	2	NULL	0x01	2021-02-13 13:16:30.840	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	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	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
5	TestDataBase	5	NULL	0x010500000000000005150000008C6D7EF53E7448B4E7B52A...	2021-02-04 01:15:59.823	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0
6	Movies	6	NULL	0x010500000000000005150000008C6D7EF53E7448B4E7B52A...	2021-02-04 22:29:39.327	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0

### 3. Create Table for your Database



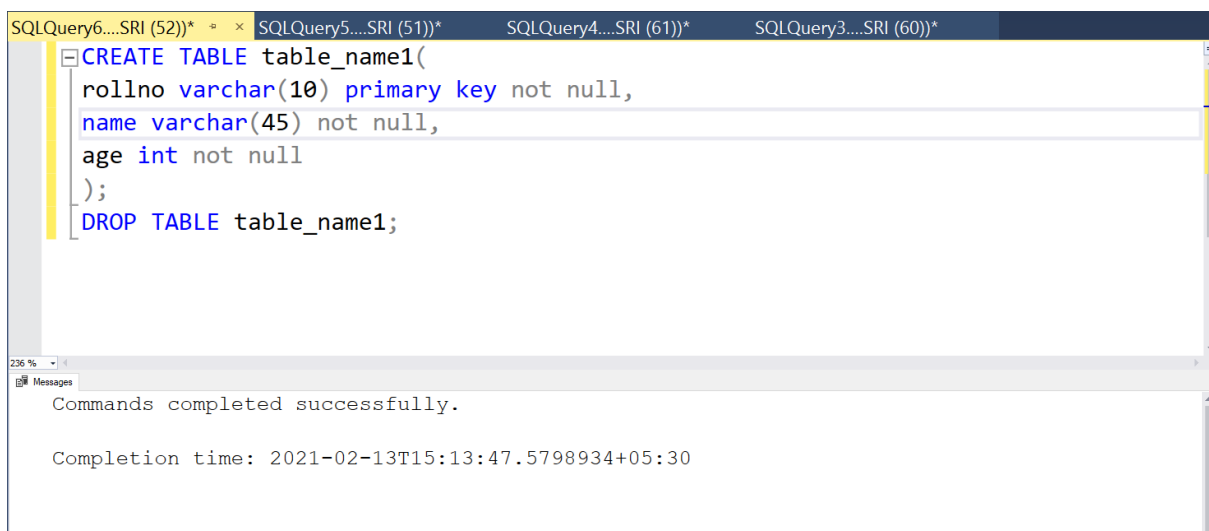
The screenshot shows a SQL query editor with three tabs: 'SQLQuery4....SRI (61))\*', 'SQLQuery3....SRI (60))\*', and 'SQLQuery2....SRI (57))\*'. The active tab contains the following SQL code:

```
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  
);
```

Below the code editor, a 'Messages' pane shows the following output:

```
Commands completed successfully.  
  
Completion time: 2021-02-13T15:04:09.6894920+05:30
```

### 4. Drop table



The screenshot shows a SQL query editor with four tabs: 'SQLQuery6....SRI (52))\*', 'SQLQuery5....SRI (51))\*', 'SQLQuery4....SRI (61))\*', and 'SQLQuery3....SRI (60))\*'. The active tab contains the following SQL code:

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

Below the code editor, a 'Messages' pane shows the following output:

```
Commands completed successfully.  
  
Completion time: 2021-02-13T15:13:47.5798934+05:30
```

## 5. Show how to check the schema of the tables

SQLQuery7....SRI (63))\* × SQLQuery6....SRI (52))\* SQLQuery5....SRI (51))\* SQLQuery4....SRI (61))\*

sp\_help MOVIE2

236 %

Results Messages

	Name	Owner	Type	Created_datetime
1	MOVIE2	dbo	user table	2021-02-13 15:04:09.663

	Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrimTrailingBlanks	FixedLenNullInSource	Collation
1	ID	int	no	4		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_3214EC272CDDCF78	clustered, unique, primary key located on PRIMARY	ID

	constraint_type	constraint_name	delete_action	update_action	status_enabled	status_for_replication	constraint_keys
1	PRIMARY KEY (clustered)	PK_MOVIE2_3214EC272CDDCF78	(n/a)	(n/a)	(n/a)	(n/a)	ID

## 6. Show all the tables from the database (This is not done in class.)

SQLQuery8....SRI (69))\* × SQLQuery7....SRI (63))\* SQLQuery6....SRI (52))\* SQLQuery5....SRI (51))\*

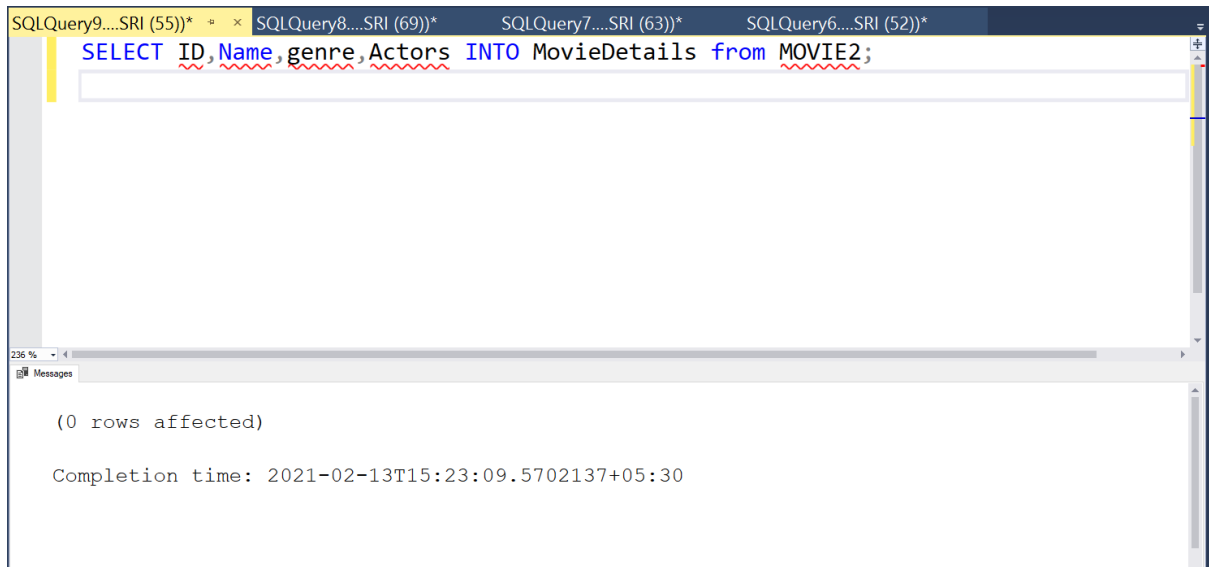
SELECT \* FROM SYSOBJECTS WHERE xtype='U';

236 %

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	debing	insting	upding
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	0
2	trace_xe_event_map	-319804621	U	4	0	0	0	0	0	2019-09-24 14:20:12.660	0	0	0	U	1	3	0	2019-09-24 14:20:12.660	0	0	0	0
3	set_fallback_dev	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	0
4	set_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	0
5	set_fallback_dev	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	0
6	MOVIE2	279672044	U	1	0	0	0	0	0	2021-02-13 15:04:09.663	0	0	0	U	1	3	0	2021-02-13 15:04:09.663	0	0	0	0
7	table_monitor	311672158	U	1	0	0	0	0	0	2021-02-13 15:12:19.090	0	0	0	U	1	3	0	2021-02-13 15:12:19.090	0	0	0	0
8	set_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	0
9	MReplication_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	0

## 7. Create Table using Select Statement



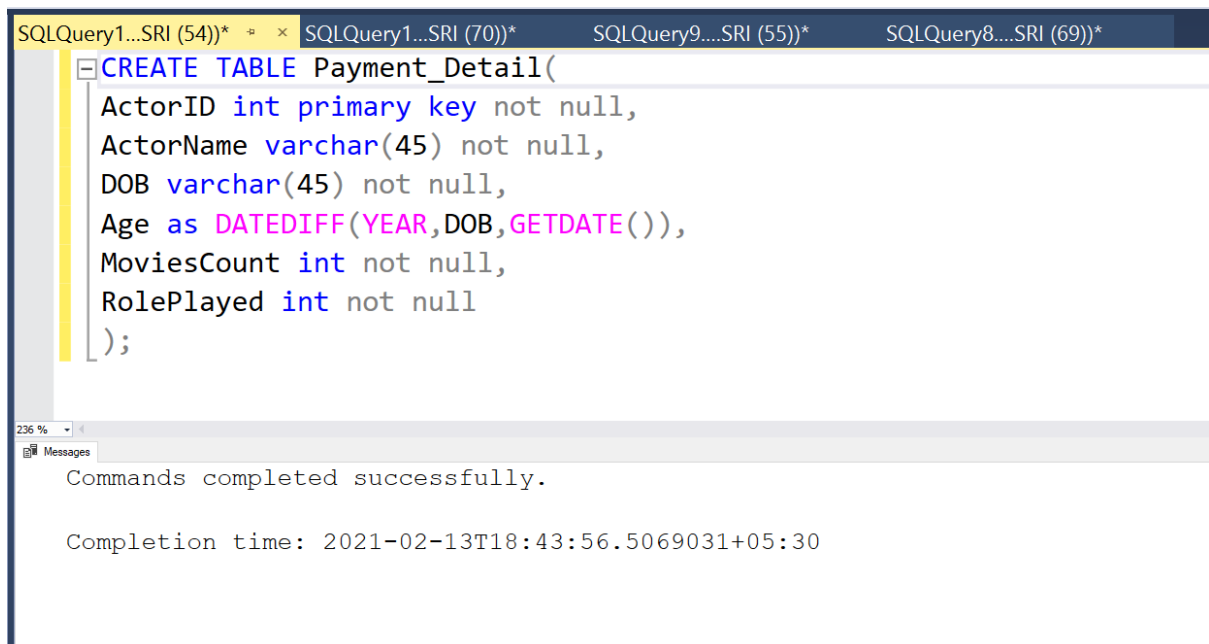
The screenshot shows a SQL Server Enterprise Manager interface. At the top, there are four tabs labeled 'SQLQuery9....SRI (55))\*', 'SQLQuery8....SRI (69))\*', 'SQLQuery7....SRI (63))\*', and 'SQLQuery6....SRI (52))\*'. The active tab is 'SQLQuery9....SRI (55))\*'. The main area displays a SQL query: `SELECT ID, Name, genre, Actors INTO MovieDetails from MOVIE2;`. Below the query, the 'Messages' pane shows the result: `(0 rows affected)` and the completion time: `Completion time: 2021-02-13T15:23:09.5702137+05:30`.

```
SQLQuery9....SRI (55))* * × SQLQuery8....SRI (69))* SQLQuery7....SRI (63))* SQLQuery6....SRI (52))*
SELECT ID, Name, genre, Actors INTO MovieDetails from MOVIE2;

(0 rows affected)

Completion time: 2021-02-13T15:23:09.5702137+05:30
```

## 8. Create a table which has derived attribute.



The screenshot shows a SQL Server Enterprise Manager interface. At the top, there are four tabs labeled 'SQLQuery1...SRI (54))\*', 'SQLQuery1...SRI (70))\*', 'SQLQuery9....SRI (55))\*', and 'SQLQuery8....SRI (69))\*'. The active tab is 'SQLQuery1...SRI (54))\*'. The main area displays a SQL query: `CREATE TABLE Payment_Detail( ActorID int primary key not null, ActorName varchar(45) not null, DOB varchar(45) not null, Age as DATEDIFF(YEAR, DOB, GETDATE()), MoviesCount int not null, RolePlayed int not null );`. Below the query, the 'Messages' pane shows the result: `Commands completed successfully.` and the completion time: `Completion time: 2021-02-13T18:43:56.5069031+05:30`.

```
SQLQuery1...SRI (54))* * × SQLQuery1...SRI (70))* SQLQuery9....SRI (55))* SQLQuery8....SRI (69))*
CREATE TABLE Payment_Detail(
  ActorID int primary key not null,
  ActorName varchar(45) not null,
  DOB varchar(45) not null,
  Age as DATEDIFF(YEAR, DOB, GETDATE()),
  MoviesCount int not null,
  RolePlayed int not null
);

Commands completed successfully.

Completion time: 2021-02-13T18:43:56.5069031+05:30
```