DBMS LAB ASSIGNMENT-2

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1.Show how to Create and Drop Database

SQLQuery2....SRI (57))*
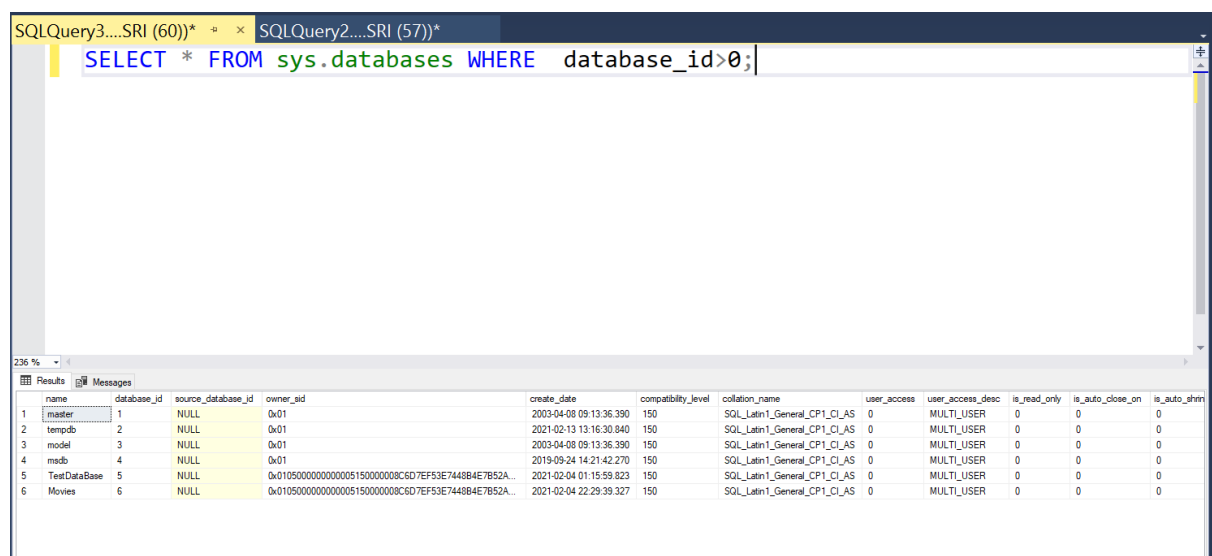
```
CREATE DATABASE Movie2;
DROP DATABASE Movie2;
```

236 %

Messages

```
Commands completed successfully.

Completion time: 2021-02-13T14:51:08.0275126+05:30
```
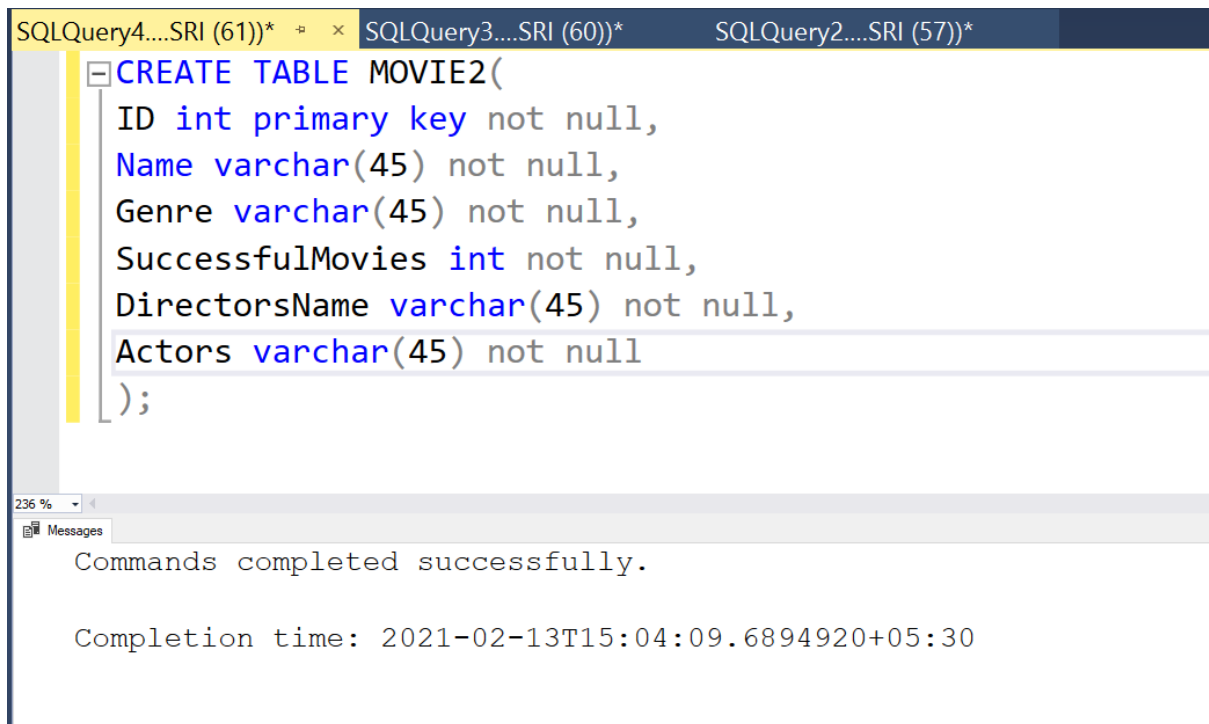
2.Show all the Databases are in the system

SQLQuery3....SRI (60))*   SQLQuery2....SRI (57))*

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

236 %

Results   Messages

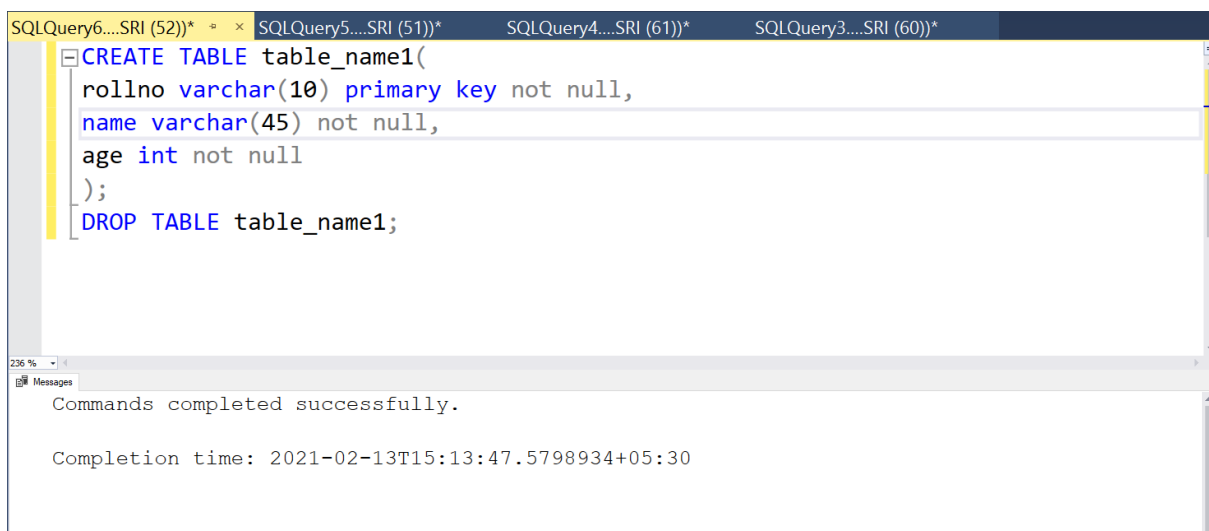| name	database_id	source_database_id	owner_sid	create_date	compatibility_level	collation_name	user_access	user_access_desc	is_read_only	is_auto_close_on	is_auto_shrin
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0
2	tempdb	2	NULL	0x01	2021-02-13 13:16:30.840	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	0x0105000000000005150000008C6D7EF53E7448B4E7B52A...	2021-02-04 01:15:59.823	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0
6	Movies	6	NULL	0x0105000000000005150000008C6D7EF53E7448B4E7B52A...	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

```sql
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
);
```

236 %

Messages

    Commands completed successfully.

    Completion time: 2021-02-13T15:04:09.6894920+05:30

4. Drop table

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

236 %

Messages

    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))*

```sql
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	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__3214EC272CDCDF78	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__3214EC272CDCDF78	(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))*
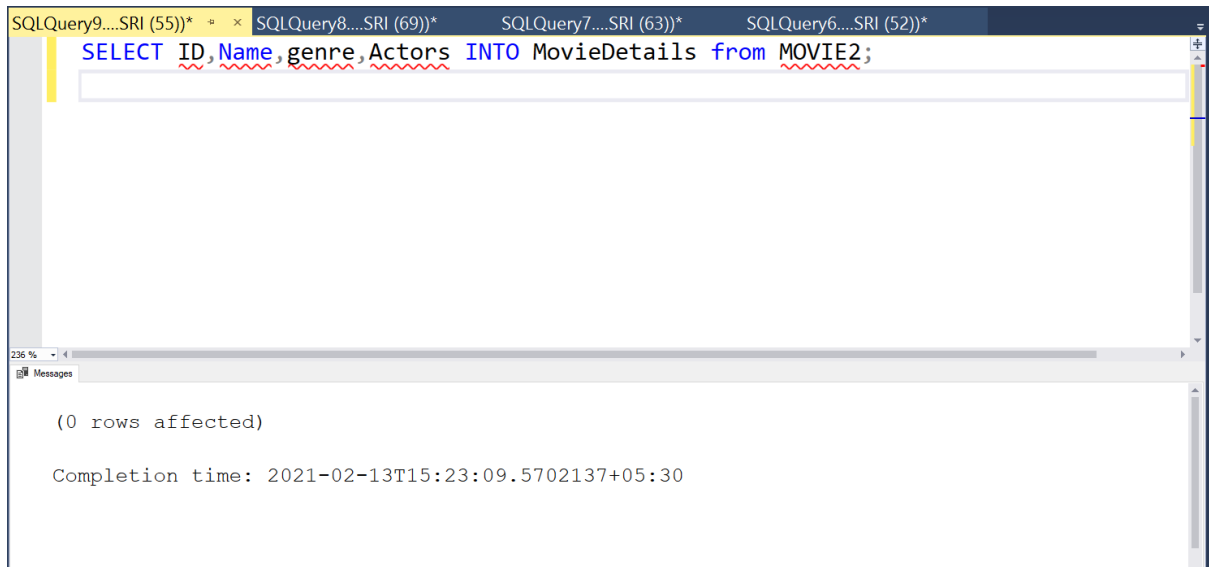
```sql
SELECT * FROM SYSOBJECTS WHERE xtype='U';
```

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	deltrig	instrig	updtrig
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	-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	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	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	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	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_name	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	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	0
9	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	0
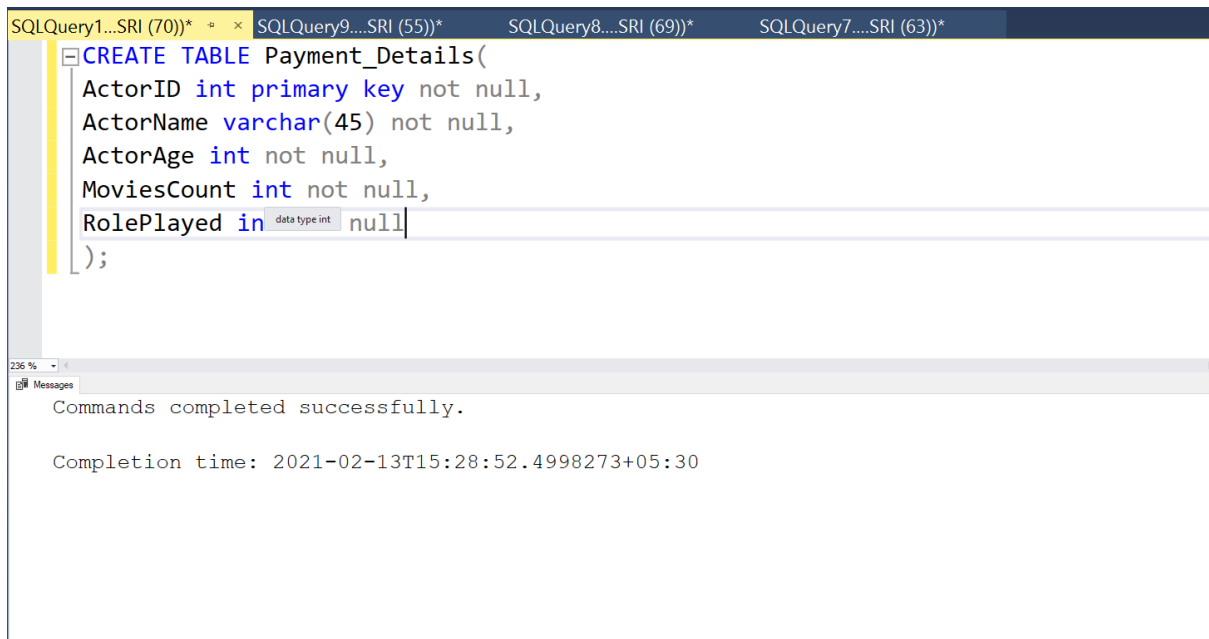
7. Create Table using Select Statement

```
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.

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

```
Commands completed successfully.

Completion time: 2021-02-13T15:28:52.4998273+05:30
```