

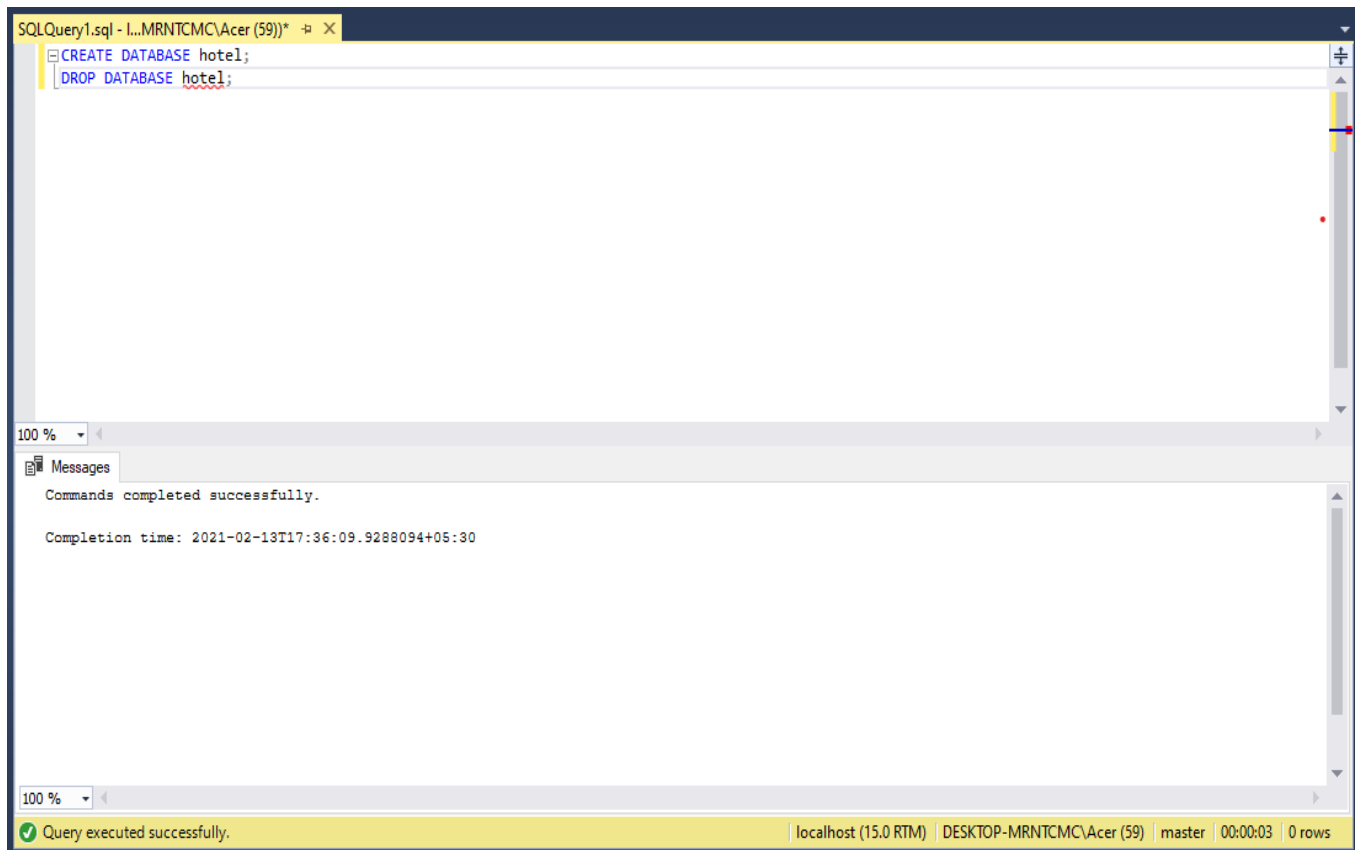
DBMS LAB

ASSIGNMENT-2

CH.BhawanKumar

19BCS031

1) Show how to Create and Drop Database:



The screenshot displays a SQL query editor window titled "SQLQuery1.sql - I...MRNTCMC\Acer (59))". The query text contains two commands: `CREATE DATABASE hotel;` and `DROP DATABASE hotel;`. Below the query editor, a "Messages" pane shows the output: "Commands completed successfully." and "Completion time: 2021-02-13T17:36:09.9288094+05:30". At the bottom, a status bar indicates "Query executed successfully." and provides connection details: "localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (59) | master | 00:00:03 | 0 rows".

```
SQLQuery1.sql - I...MRNTCMC\Acer (59)) * X
CREATE DATABASE hotel;
DROP DATABASE hotel;

100 %
Messages
Commands completed successfully.
Completion time: 2021-02-13T17:36:09.9288094+05:30

100 %
Query executed successfully. | localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (59) | master | 00:00:03 | 0 rows
```

2) Show all the Databases are in the system:

SQLQuery2.sql - I...MRNTCMC\Acer (53))* SQLQuery1.sql - I...MRNTCMC\Acer (59))*

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

100 %

Results Messages

	name	database_id	source_database_id	owner_sid	create_date	compatibility_level	collation_name	user_access	user_ac
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	Latin1_General_CI_AI	0	MULTI
2	tempdb	2	NULL	0x01	2021-02-13 17:24:20.920	150	Latin1_General_CI_AI	0	MULTI
3	model	3	NULL	0x01	2003-04-08 09:13:36.390	150	Latin1_General_CI_AI	0	MULTI
4	msdb	4	NULL	0x01	2019-09-24 14:21:42.270	150	Latin1_General_CI_AI	0	MULTI
5	T9_hotel	5	NULL	0x010500000000000515000000C4B58D3343FA339524B5FC...	2021-02-04 22:30:15.160	150	Latin1_General_CI_AI	0	MULTI

Query executed successfully. | localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (53) | master | 00:00:01 | 5 rows

3) Create table for your Database:

SQLQuery4.sql - I...MRNTCMC\Acer (59))*

```
CREATE TABLE customer(
    Customer_ID int primary key not null,
    Name varchar(50) not null,
    PhoneNumber int not null,
    AadharNumber int not null,
    Address varchar(100) not null,
);
```

100 %

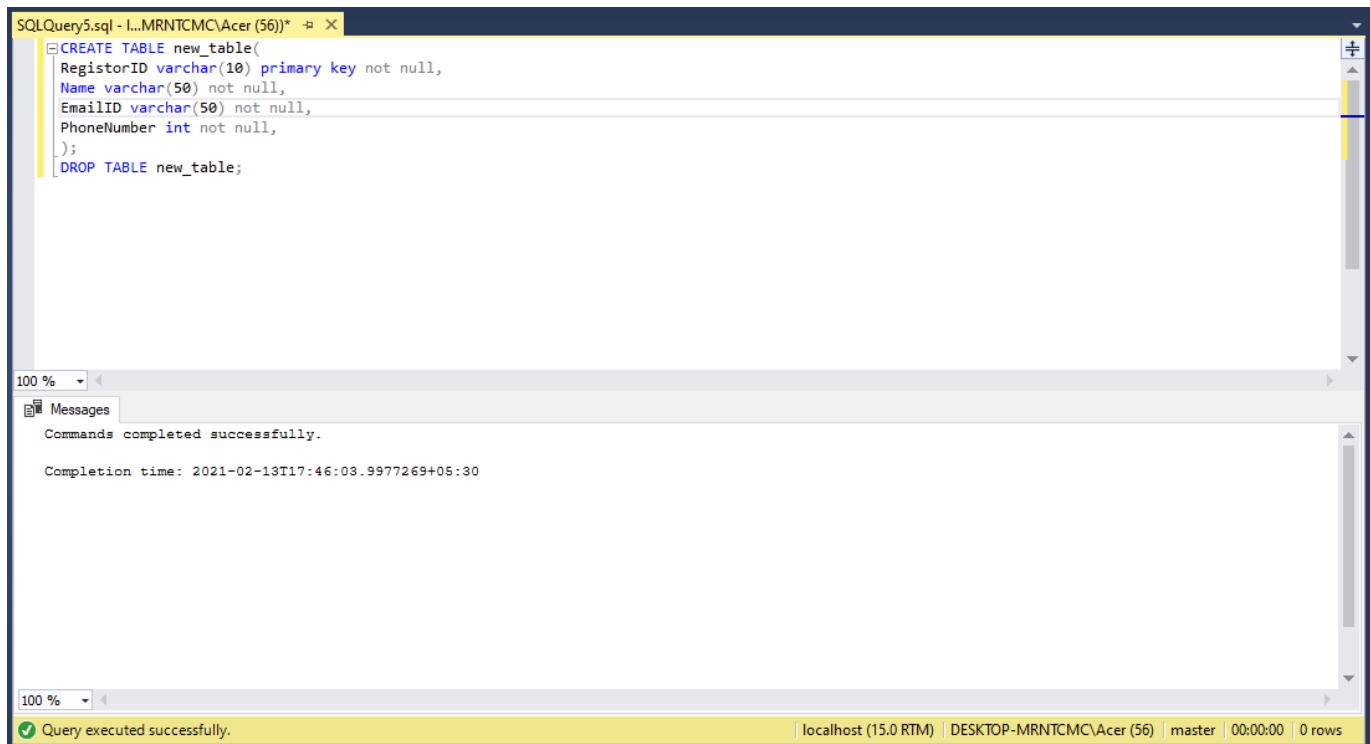
Messages

Commands completed successfully.

Completion time: 2021-02-13T17:43:06.8003451+05:30

Query executed successfully. | localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (59) | master | 00:00:00 | 0 rows

4) Drop table:



```
SQLQuery5.sql - L...MRNTCMC\Acer (56)) * X
CREATE TABLE new_table(
  RegistorID varchar(10) primary key not null,
  Name varchar(50) not null,
  EmailID varchar(50) not null,
  PhoneNumber int not null,
);
DROP TABLE new_table;
```

100 %

Messages

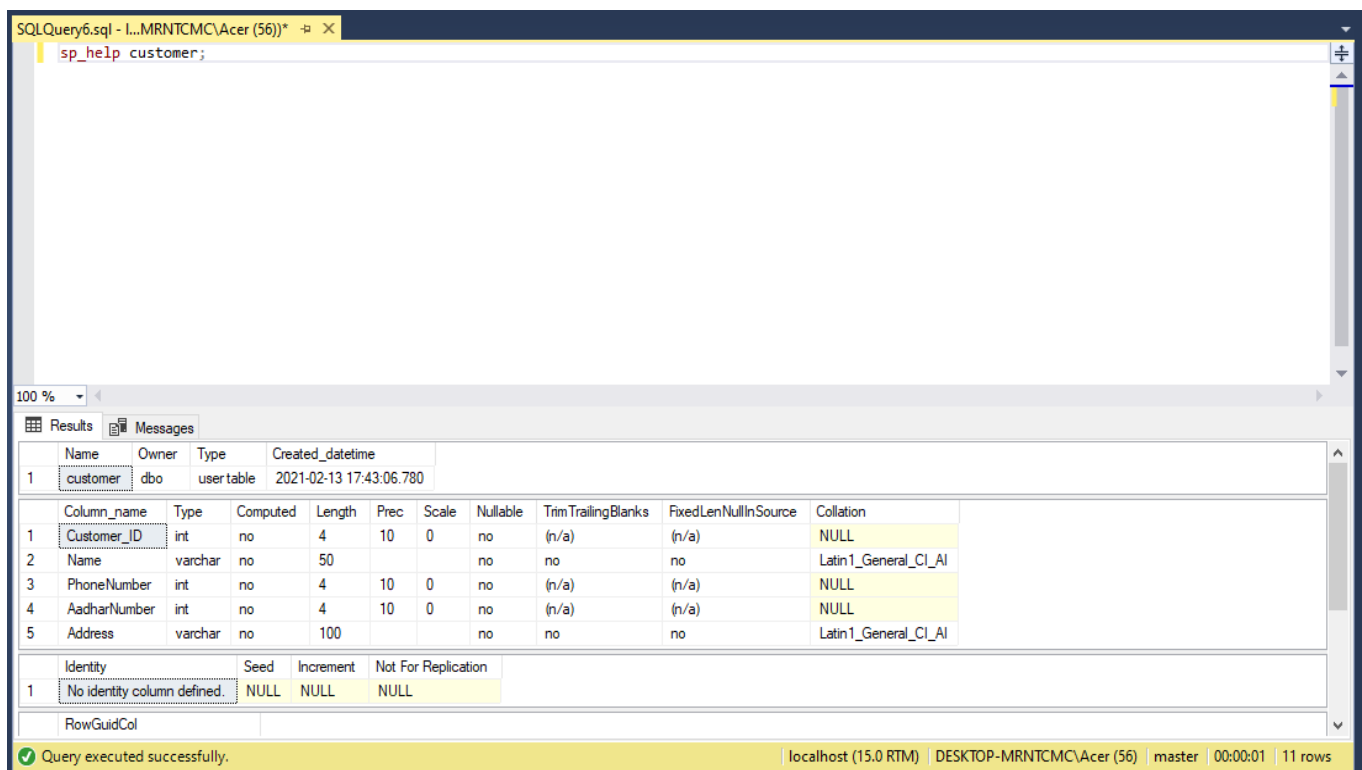
Commands completed successfully.

Completion time: 2021-02-13T17:46:03.9977269+05:30

100 %

Query executed successfully. | localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (56) | master | 00:00:00 | 0 rows

5) Show how to check the schema of the tables:



```
SQLQuery6.sql - L...MRNTCMC\Acer (56)) * X
sp_help customer;
```

100 %

Results Messages

	Name	Owner	Type	Created_datetime
1	customer	dbo	usertable	2021-02-13 17:43:06.780

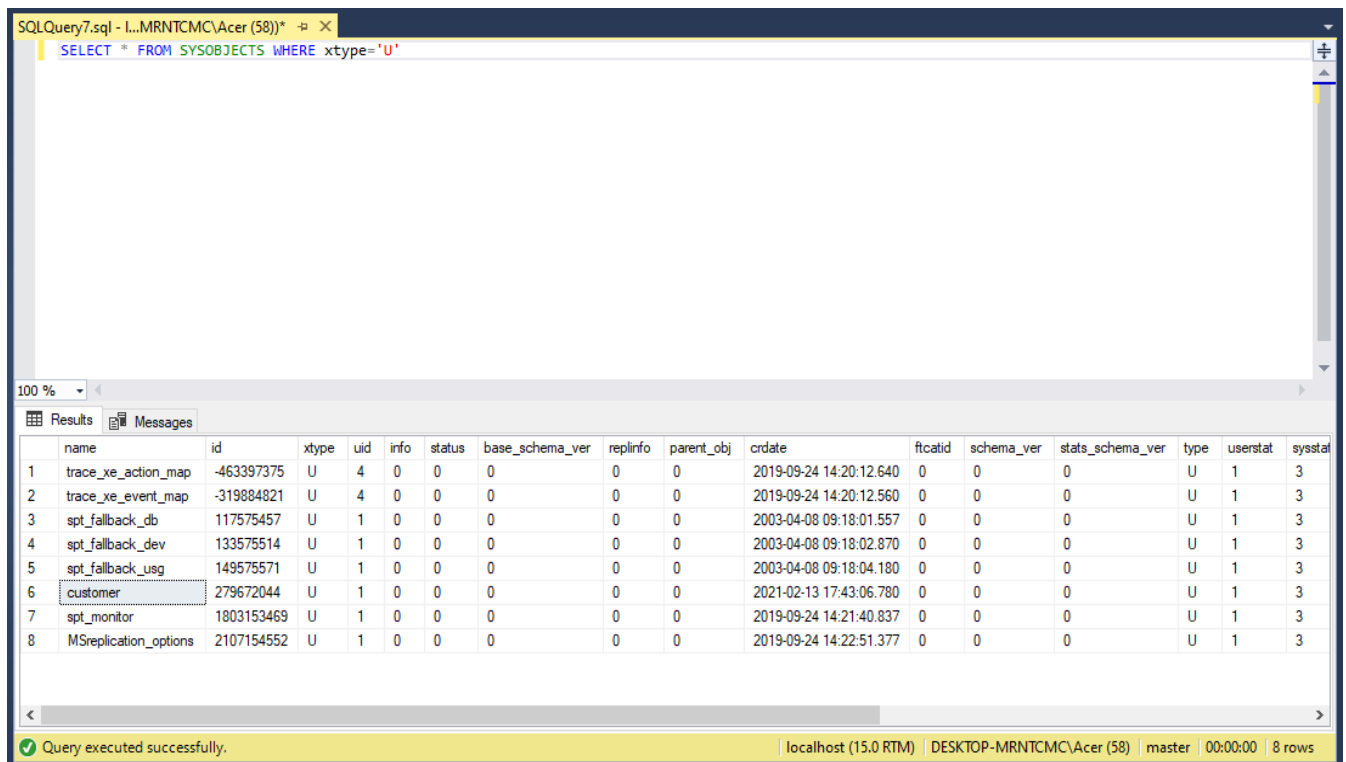
	Column_name	Type	Computed	Length	Prec	Scale	Nullable	Trim TrailingBlanks	FixedLenNullInSource	Collation
1	Customer_ID	int	no	4	10	0	no	(n/a)	(n/a)	NULL
2	Name	varchar	no	50			no	no	no	Latin1_General_CI_AI
3	PhoneNumber	int	no	4	10	0	no	(n/a)	(n/a)	NULL
4	AadharNumber	int	no	4	10	0	no	(n/a)	(n/a)	NULL
5	Address	varchar	no	100			no	no	no	Latin1_General_CI_AI

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

RowGUIDCol

Query executed successfully. | localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (56) | master | 00:00:01 | 11 rows

6) Show all the tables from the Database:

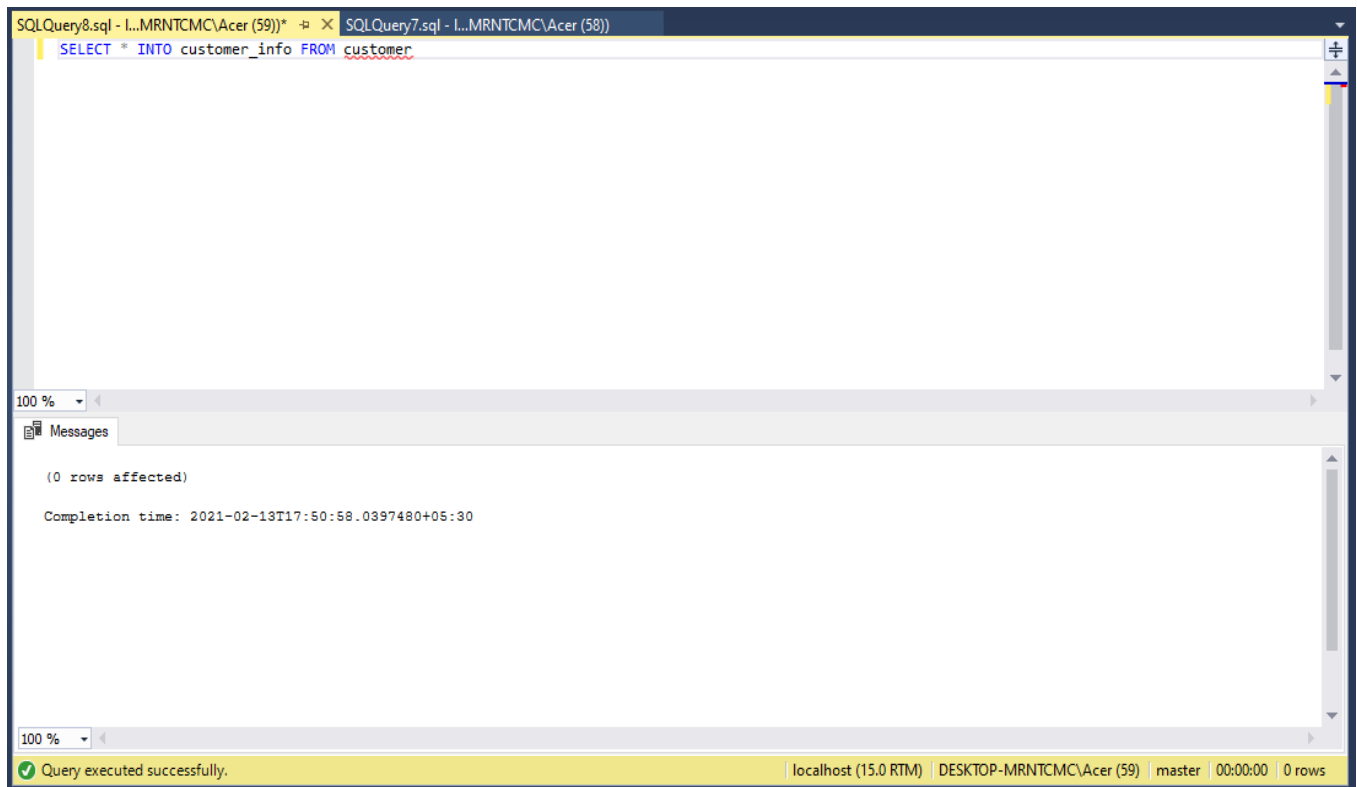


The screenshot shows a SQL Server Enterprise Manager window with a query executed. The query is `SELECT * FROM SYSOBJECTS WHERE xtype='U'`. The results are displayed in a table with 17 columns: name, id, xtype, uid, info, status, base_schema_ver, replinfo, parent_obj, crdate, ftcid, schema_ver, stats_schema_ver, type, userstat, and sysstat. There are 8 rows of data, including system tables like trace_xe_action_map, trace_xe_event_map, spt_fallback_db, spt_fallback_dev, spt_fallback_usg, customer, spt_monitor, and MSreplication_options.

	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcid	schema_ver	stats_schema_ver	type	userstat	sysstat
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
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
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
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
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
6	customer	279672044	U	1	0	0	0	0	0	2021-02-13 17:43:06.780	0	0	0	U	1	3
7	spt_monitor	1803153469	U	1	0	0	0	0	0	2019-09-24 14:21:40.837	0	0	0	U	1	3
8	MSreplication_options	2107154552	U	1	0	0	0	0	0	2019-09-24 14:22:51.377	0	0	0	U	1	3

Query executed successfully. | localhost (15.0 RTM) | DESKTOP-MRNTCMC\Acer (58) | master | 00:00:00 | 8 rows

7) Create table using SELECT statement:



8) Create a table which has derived attribute:

