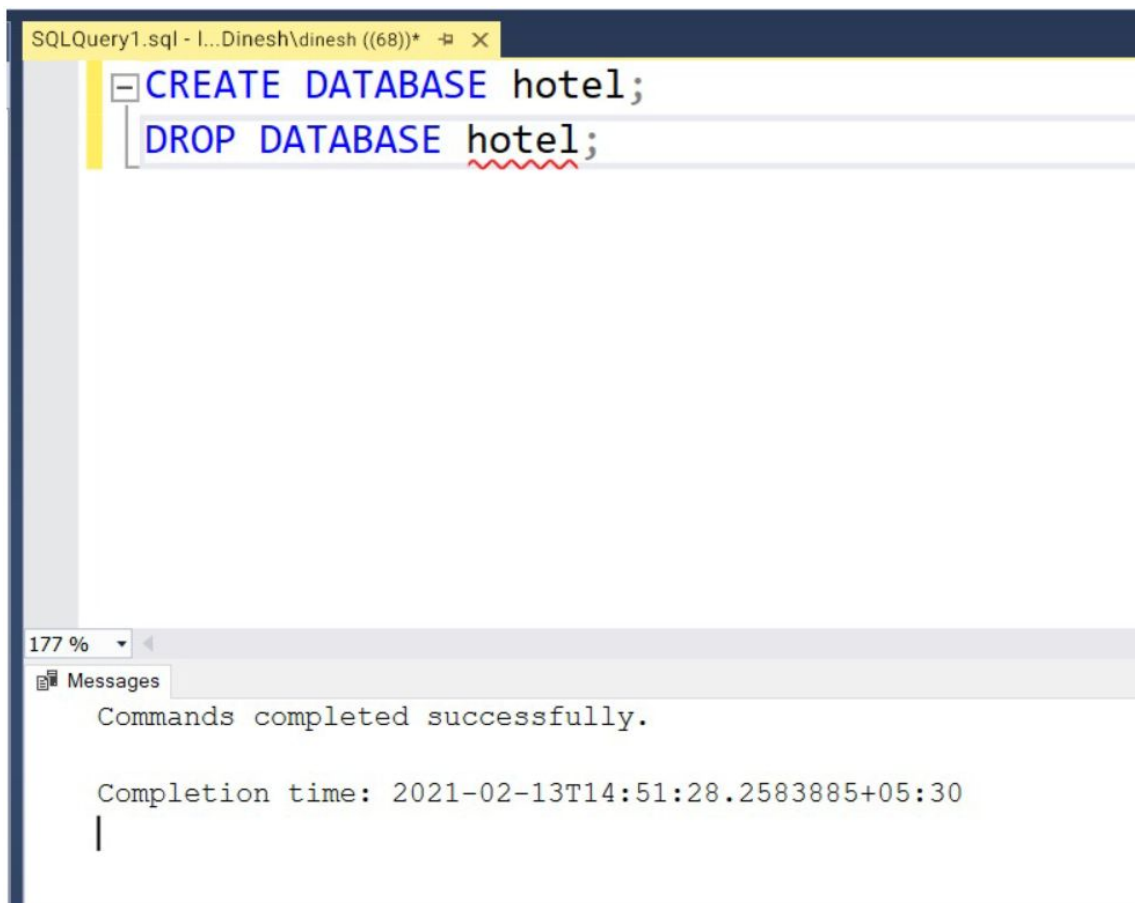


## DBMS LAB ASSIGNMENT

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REG.: 19BCS060

1.) Show how to Create and Drop Database.



The screenshot shows a SQL query editor window titled "SQLQuery1.sql - I...Dinesh\dinesh ((68))\*". The editor contains two lines of SQL code: "CREATE DATABASE hotel;" and "DROP DATABASE hotel;". The word "hotel" in the second line is underlined with a red wavy line. Below the editor, there is a "Messages" pane showing the output: "Commands completed successfully." and "Completion time: 2021-02-13T14:51:28.2583885+05:30".

```
SQLQuery1.sql - I...Dinesh\dinesh ((68))*
CREATE DATABASE hotel;
DROP DATABASE hotel;
```

177 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T14:51:28.2583885+05:30

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

SQLQuery2.sql - I...Dinesh\dinesh ((64))\* x SQLQuery1.sql - I...Dinesh\dinesh ((68))\*

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

177 %

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_shrink_on	state	state_desc
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
2	tempdb	2	NULL	0x01	2021-02-12 08:41:11.330	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE
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
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

## 3.) Create a Table for your Database.

SQLQuery3.sql - I...Dinesh\dinesh ((65))\* x SQLQuery2.sql - I...Dinesh\dinesh ((64))\*

```
CREATE TABLE customer(  
ID int primary key not null,  
Name varchar(45) not null,  
Phnno varchar(10) not null,  
Roomno varchar(10) not null,  
address varchar(20) not null  
);
```

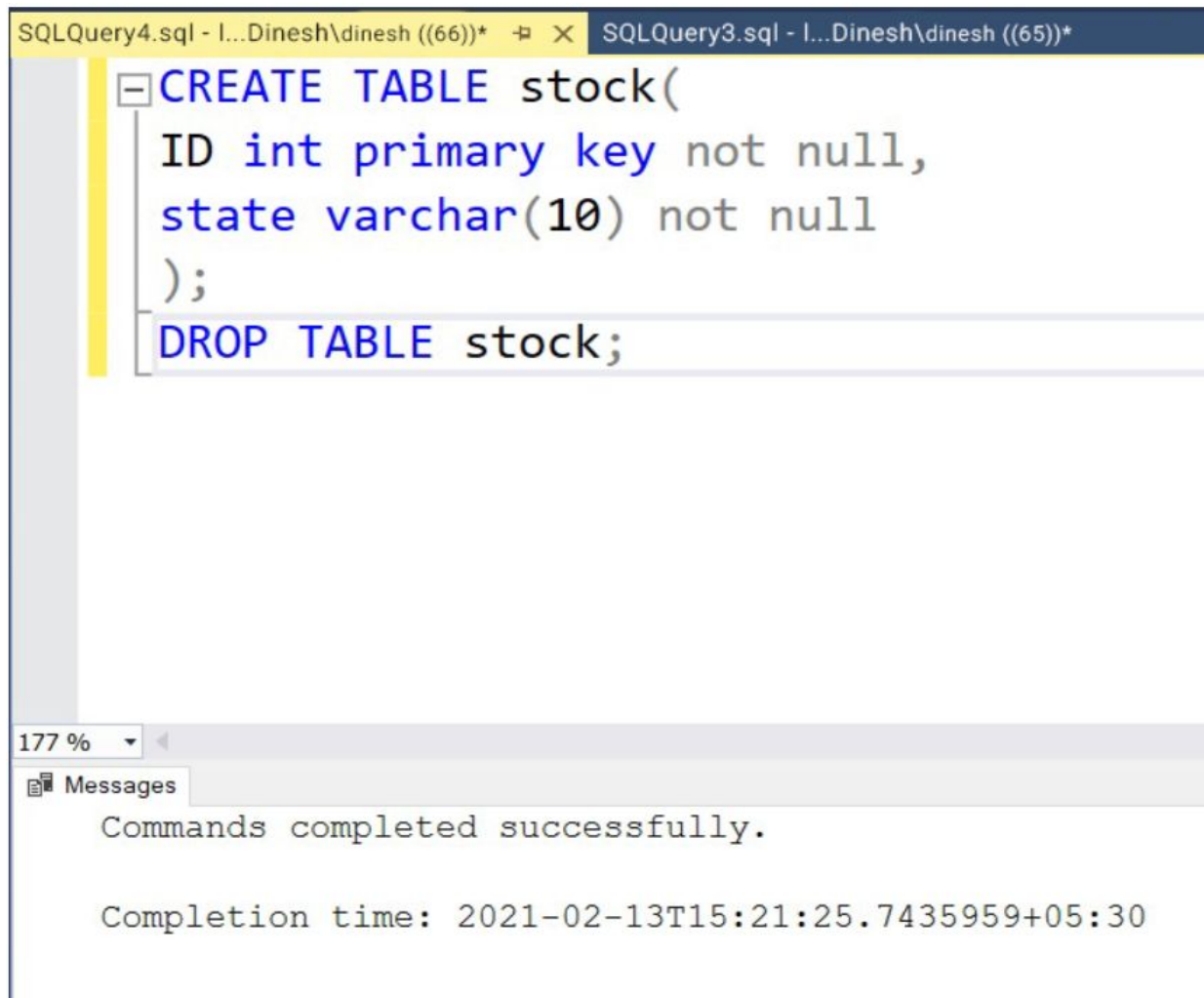
177 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T15:16:17.1057602+05:30

4.) Drop table.



The screenshot shows a SQL Server Enterprise Manager interface. At the top, there are two tabs: 'SQLQuery4.sql - I...Dinesh\dinesh ((66))\*' and 'SQLQuery3.sql - I...Dinesh\dinesh ((65))\*'. The main area displays a SQL script with the following commands:

```
CREATE TABLE stock(  
  ID int primary key not null,  
  state varchar(10) not null  
);  
DROP TABLE stock;
```

Below the script, there is a zoom level indicator set to '177 %'. At the bottom, a 'Messages' pane shows the following output:

```
Commands completed successfully.  
  
Completion time: 2021-02-13T15:21:25.7435959+05:30
```

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

sp\_help customer;

177 %

Results Messages

Name	Owner	Type	Created_datetime	
1 customer	dbo	user table	2021-02-13 15:16:16.903	

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 Phnno	varchar	no	10			no	no	no	SQL_Latin1_General_CP1_CI_AS
4 Roomno	varchar	no	10			no	no	no	SQL_Latin1_General_CP1_CI_AS
5 address	varchar	no	20			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_customer__3214EC278680631C	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_customer__3214EC278680631C	(n/a)	(n/a)	(n/a)	(n/a)	ID

6.) show how to check the schema of the tables.

SQLQuery6.sql - I...Dinesh\dinesh ((67))\* SQLQuery5.sql - I...Dinesh\dinesh ((51))\* SQLQuery4.sql - I...Dinesh\dinesh ((66))\*

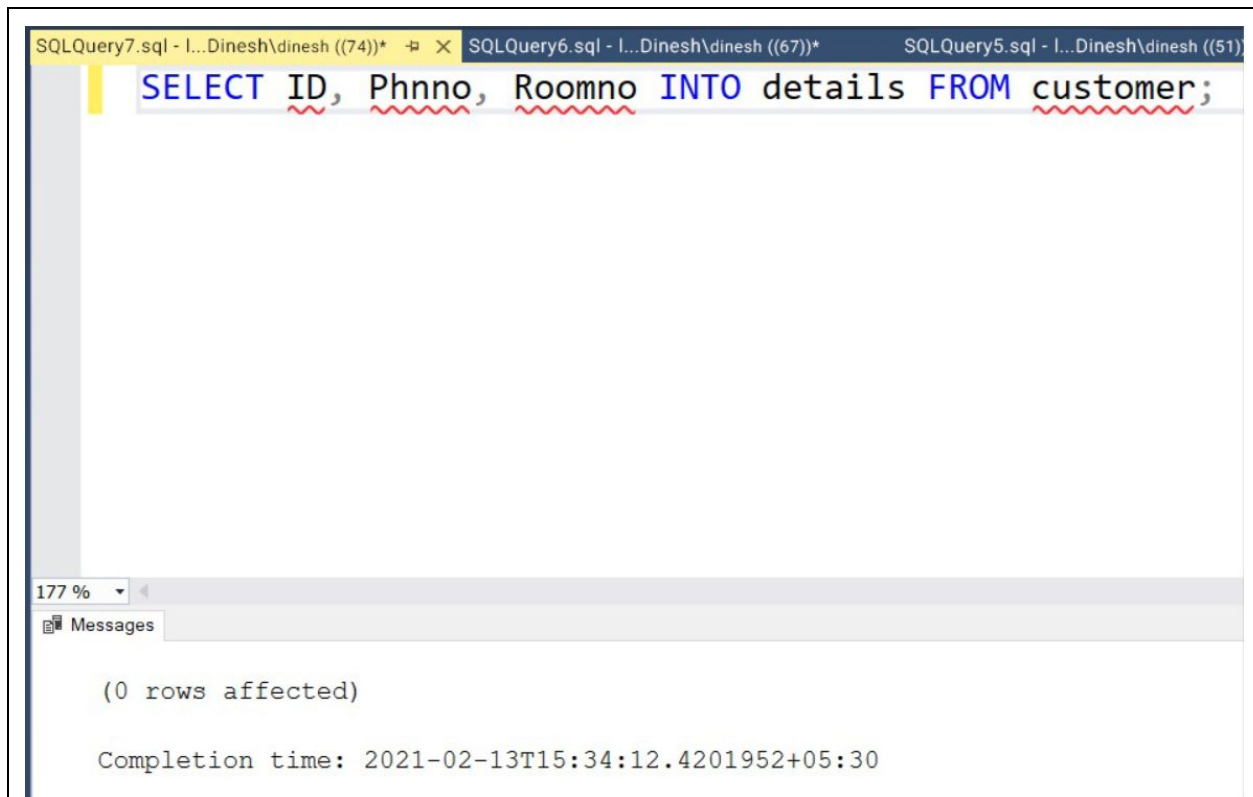
```
SELECT * FROM SYSOBJECTS WHERE xtype='u';
```

177 %

Results Messages

	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcatid	schema_ver
1	trace_xe_action_map	-463397375	U	4	0	0	0	0	0	2019-09-24 14:20:12.640	0	0
2	trace_xe_event_map	-319884821	U	4	0	0	0	0	0	2019-09-24 14:20:12.560	0	0
3	spt_fallback_db	117575457	U	1	0	0	0	0	0	2003-04-08 09:18:01.557	0	0
4	spt_fallback_dev	133575514	U	1	0	0	0	0	0	2003-04-08 09:18:02.870	0	0
5	spt_fallback_usg	149575571	U	1	0	0	0	0	0	2003-04-08 09:18:04.180	0	0
6	customer	279672044	U	1	0	0	0	0	0	2021-02-13 15:16:16.903	0	0
7	spt_monitor	1803153469	U	1	0	0	0	0	0	2019-09-24 14:21:40.837	0	0
8	MSreplication_options	2107154552	U	1	0	0	0	0	0	2019-09-24 14:22:51.377	0	0

7.) Create Table using Select Statement.



The screenshot shows a SQL query editor with three tabs: 'SQLQuery7.sql - I...Dinesh\dinesh ((74))\*', 'SQLQuery6.sql - I...Dinesh\dinesh ((67))\*', and 'SQLQuery5.sql - I...Dinesh\dinesh ((51))'. The active tab displays the following SQL query: `SELECT ID, Phnno, Roomno INTO details FROM customer;`. The query is syntactically correct, with no errors. Below the query, the execution results are shown: '(0 rows affected)' and 'Completion time: 2021-02-13T15:34:12.4201952+05:30'. The interface includes a zoom level of 177% and a 'Messages' tab.

```
SELECT ID, Phnno, Roomno INTO details FROM customer;
```

(0 rows affected)

Completion time: 2021-02-13T15:34:12.4201952+05:30

8.) Create a table which has derived attribute.

```
CREATE TABLE manager(  
  ID int primary key not null,  
  Name varchar(45) not null  
);
```

177 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T15:37:36.5636355+05:30