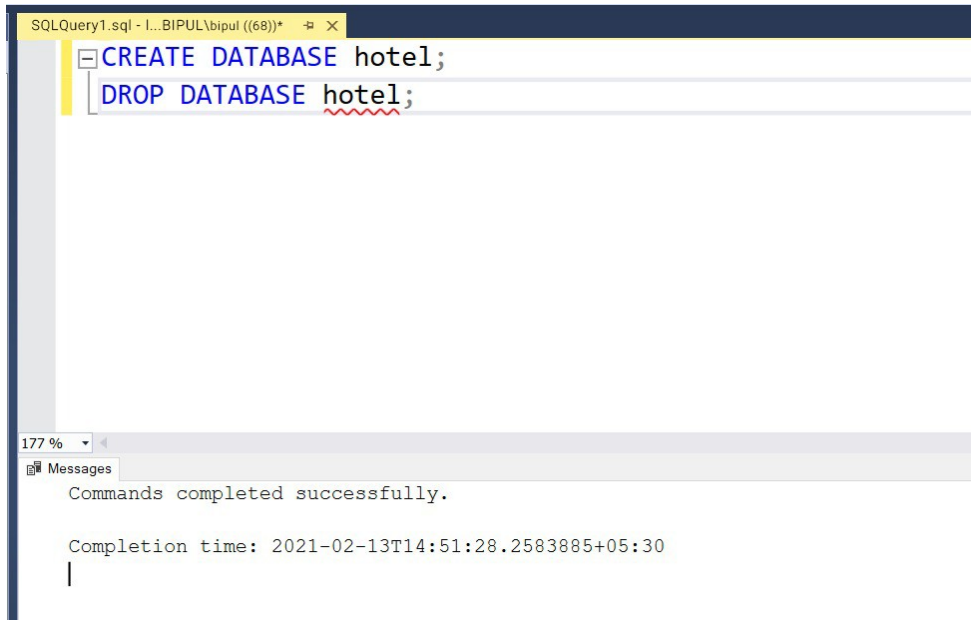


DBMS LAB ASSIGNMENT

NAME: Anmol Kumar

REG.: 19BCS011

- 1.) Show how to Create and Drop Database.



The screenshot shows a SQL editor window titled "SQLQuery1.sql - I...BIPUL\bipul ((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 squiggly line. Below the editor, a "Messages" pane shows the output: "Commands completed successfully." and "Completion time: 2021-02-13T14:51:28.2583885+05:30".

```
SQLQuery1.sql - I...BIPUL\bipul ((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...BIPUL\bipul ((64))*

SQLQuery1.sql - I...Bipul\bipul ((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	is_in_standby
1	master	1	NULL	0x01	2003-04-08 09:13:38.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE	0
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	0
3	model	3	NULL	0x01	2003-04-08 09:13:38.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0	0	0	ONLINE	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	0	ONLINE	0

3.) Create a Table for your Database.

```
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.

SQLQuery4.sql - I...BIPUL\bipul ((66))*

SQLQuery3.sql - I...BIPUL\bipul ((65))*

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

177 %

Messages

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.

```
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.

SQLQuery7.sql - I...BIPUL\bipul ((74))*SQLQuery6.sql - I...BIPUL\bipul ((67))*SQLQuery5.sql - I...BIPUL\bipul ((51))*

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

177 %

Messages

```
(0 rows affected)

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

8.) Create a table which has derived attribute.

SQL Query8.sql - I...BIPU L\bipu l f7 0]

SQLQuery7.sql - I...BIPUL\bipul ((74))*

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

177 %

hmessages

Commands CO*F leted successfully.

Completion time: 2021-02-13T15:57:36.5636355+05:30