

DBMS LAB ASSIGNMENT (CS210)

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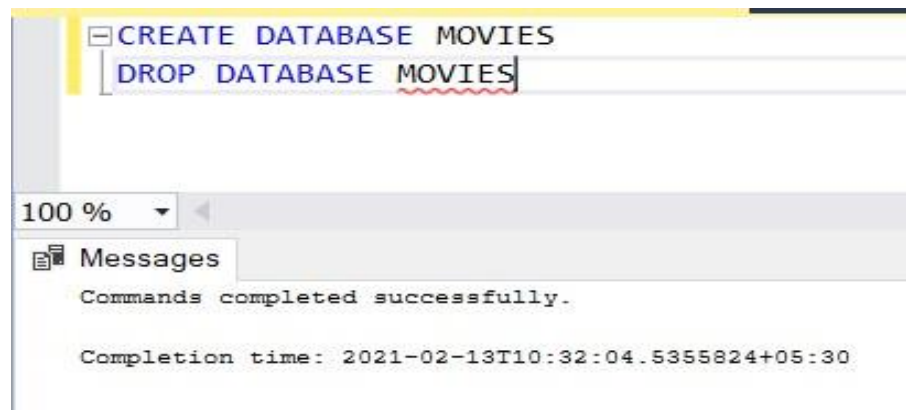
1. SHOW HOW TO CREATE AND DROP A DATABASE.

QUERY:

CREATE DATABASE MOVIES

DROP DATABASE MOVIES

OUTPUT:



2. SHOW ALL THE DATABASES IN THE SYSTEM.

QUERY:

SELECT * FROM sys.databases where database_id>0

OUTPUT:

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
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS
2	tempdb	2	NULL	0x01	2021-02-12 12:21:31.847	150	SQL_Latin1_General_CP1_CI_AS
3	model	3	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS
4	msdb	4	NULL	0x01	2019-09-24 14:21:42.270	150	SQL_Latin1_General_CP1_CI_AS

3. CREATE TABLE FOR YOUR DATABASE.

QUERY:

USE T6_MOVIES

CREATE TABLE T6_ACTORS (

ID int primary key not null,

Movie_id INT not null,

FName VARCHAR(40) not null,

LName VARCHAR(40) not null, Age

INT not null,

Gender CHAR(1) not null

);

OUTPUT:

```
USE T6_MOVIES
CREATE TABLE T6_ACTORS
(
    ID int primary key not null,
    movie_id INT not null,
    FName VARCHAR(40) not null,
    LName VARCHAR(40) not null,
    Age INT not null,
    Gender CHAR(1) not null
);
```

100 %

Messages

Commands completed successfully.

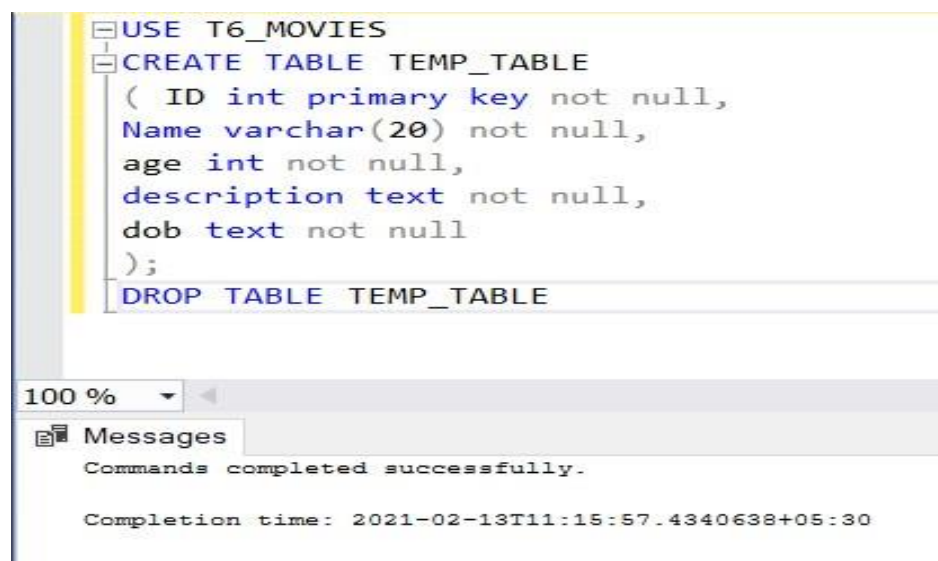
Completion time: 2021-02-13T11:08:29.9795368+05:30

4. DROP TABLE

QUERY:

```
USE T6_MOVIES
CREATE TABLE TEMP_TABLE (
ID int primary key not null, Name
varchar(20) not null, age int not
null,
description text not null, dob
text not null
);
DROP TABLE TEMP_TABLE
```

OUTPUT:



The screenshot shows a SQL query execution window. The query text is: `USE T6_MOVIES`, `CREATE TABLE TEMP_TABLE (ID int primary key not null, Name varchar(20) not null, age int not null, description text not null, dob text not null);`, and `DROP TABLE TEMP_TABLE`. Below the query text, there is a 'Messages' pane showing the output: 'Commands completed successfully.' and 'Completion time: 2021-02-13T11:15:57.4340638+05:30'.

5. SHOW HOW TO CHECK THE SCHEMA OF TABLES.

QUERY:

```
USE T6_MOVIES
EXEC sp_help T6_ACTORS
```

OUTPUT:

USE T6_MOVIES

EXEC sp_help T6_ACTORS

100 %

Results Messages

	Name	Owner	Type	Created_datetime
1	T6_ACTORS	dbo	user table	2021-02-13 11:08:29.963

	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	movie_id	int	no	4	10	0	no	(n/a)	(n/a)	NULL
3	FName	varchar	no	40			no	no	no	SQL_Latin1_General_CP1_CI_AS
4	LName	varchar	no	40			no	no	no	SQL_Latin1_General_CP1_CI_AS
5	Age	int	no	4	10	0	no	(n/a)	(n/a)	NULL
6	Gender	char	no	1			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__T6_ACTOR__3214EC2775383EC5	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__T6_ACTOR__3214EC2775383EC5	(n/a)	(n/a)	(n/a)	(n/a)	ID

6. SHOW ALL THE TABLES IN THE DATABASE.

QUERY:

SELECT * FROM SYSOBJECTS WHERE xtype='U';

OUTPUT:

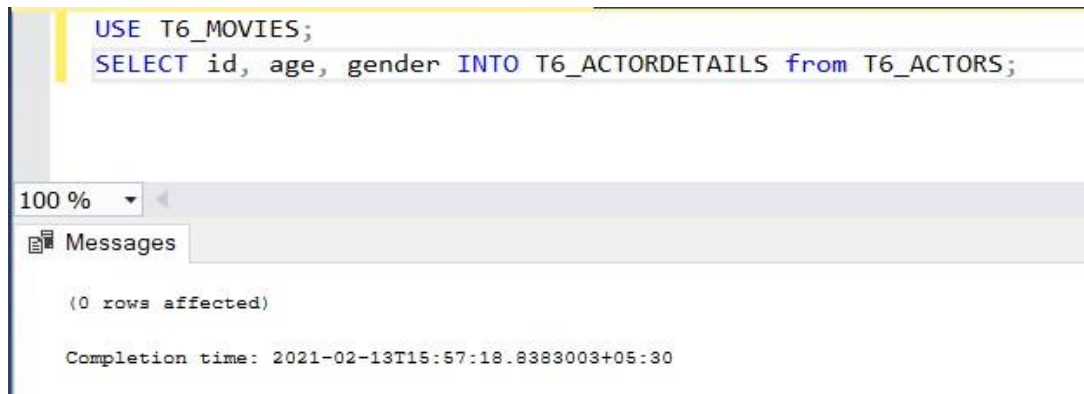
SELECT * FROM SYSOBJECTS WHERE xtype= 'U' ;																
100 %																
Results Messages																
1	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcatid	schema_ver	stats_schema_ver	type	usersta	
1	T6_ACTORS	661577395	U	1	0	0	0	0	0	2021-02-13 11:08:29.963	0	0	0	U	1	
2	T6_DIRECTORS	725577623	U	1	0	0	0	0	0	2021-02-13 12:24:38.023	0	0	0	U	1	
3	T6_MOV	757577737	U	1	0	0	0	0	0	2021-02-13 12:24:38.033	0	0	0	U	1	
4	T6_PRODUCERS	789577851	U	1	0	0	0	0	0	2021-02-13 12:24:38.037	0	0	0	U	1	

7. CREATE TABLES USING SELECT STATEMENT.

QUERY:

```
USE T6_MOVIES;  
SELECT id, age, gender INTO T6_ACTORDETAILS from T6_ACTORS;
```

OUTPUT:



```
USE T6_MOVIES;  
SELECT id, age, gender INTO T6_ACTORDETAILS from T6_ACTORS;
```

100 %

Messages

(0 rows affected)

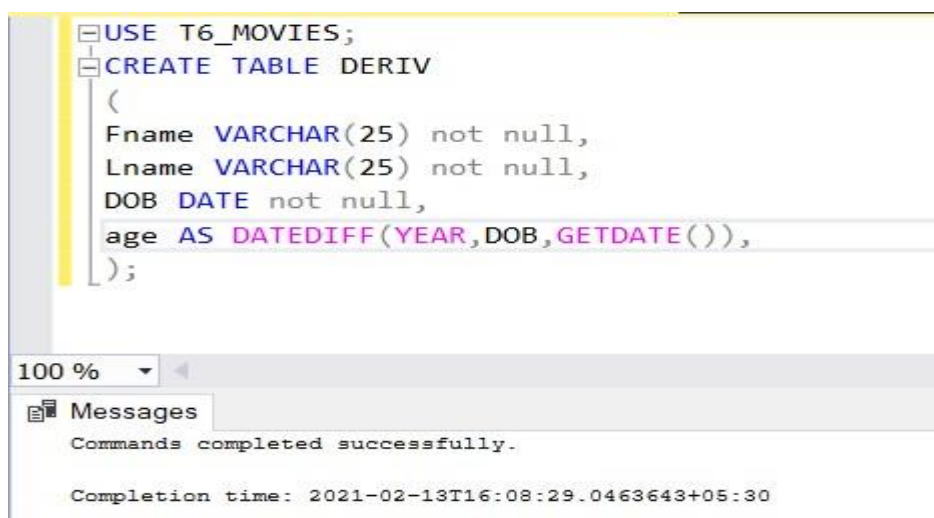
Completion time: 2021-02-13T15:57:18.8383003+05:30

8. CREATE A TABLE WITH A DERIVED ATTRIBUTE.

QUERY:

```
USE T6_MOVIES;  
CREATE TABLE DERIV (  
  Fname VARCHAR(25) not null,  
  Lname VARCHAR(25) not null, DOB  
  DATE not null,  
  age AS DATEDIFF(YEAR,DOB,GETDATE()),  
);
```

OUTPUT:



```
USE T6_MOVIES;  
CREATE TABLE DERIV  
(  
  Fname VARCHAR(25) not null,  
  Lname VARCHAR(25) not null,  
  DOB DATE not null,  
  age AS DATEDIFF(YEAR,DOB,GETDATE()),  
);
```

100 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T16:08:29.0463643+05:30