

# DBMS LAB ASSIGNMENT 2

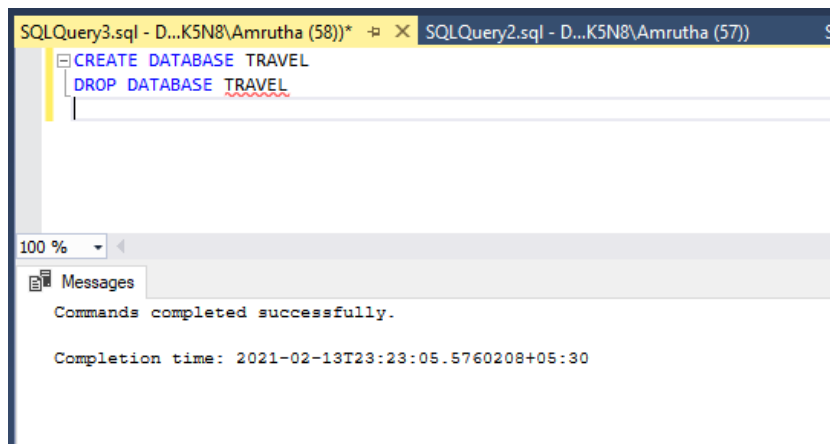
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## 1.Show how to Create and Drop Database QUERY

```
CREATE DATABASE TRAVEL  
DROP DATABASE TRAVEL
```

## OUTPUT



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

### QUERY

```
SELECT * FROM sys.databases where database_id>0
```

### OUTPUT

SQLQuery3.sql - D:\K5N8\Amrutha (58)) \* - X SQLQuery2.sql - D:\K5N8\Amrutha (57) SQLQuery1.sql - D:\K5N8\Amrutha (53))

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_access_desc	is_read_only	is_auto_close_c
1	master	1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0
2	tempdb	2	NULL	0x01	2021-02-13 22:06:41.607	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	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
4	msdb	4	NULL	0x01	2019-09-24 14:21:42.270	150	SQL_Latin1_General_CP1_CI_AS	0	MULTI_USER	0	0

### 3. Create Table for your Database QUERY

USE T10\_TRAVEL;

CREATE TABLE T10\_traveldb

(

agency\_id INT PRIMARY KEY NOT NULL,

agency\_name VARCHAR(250)NOT NULL,

agency\_address VARCHAR(200)NOT NULL,

agency\_description VARCHAR(45)

)

CREATE TABLE T10\_customerdetails

(

customer\_id INT PRIMARY KEY NOT NULL,

customer\_name VARCHAR(255)NOT NULL,

customer\_mobile INT NOT NULL,

customer\_email VARCHAR(45)NOT NULL,

```
customer_username VARCHAR(45)NOT NULL,  
customer_password VARCHAR(45)NOT NULL,  
customer_address VARCHAR(45)NOT NULL  
);
```

```
CREATE TABLE T10_bookingdetails
```

```
(  
    booking_id INT PRIMARY KEY NOT NULL,  
    booking_hotel_id VARCHAR(255)NOT NULL,  
    booking_type VARCHAR(45)NOT NULL,  
    booking_date INT NOT NULL,  
    booking_title VARCHAR(45),  
    booking_description VARCHAR(445)  
);
```

```
CREATE TABLE T10_hoteldetails
```

```
(  
    hotel_id INT PRIMARY KEY NOT NULL,  
    hotel_name VARCHAR(255)NOT NULL,  
    hotel_type VARCHAR(45)NOT NULL,  
    hotel_rent INT NOT NULL,  
    hotel_description VARCHAR(45),  
    hotel_address VARCHAR(465)NOT NULL  
);
```

```
CREATE TABLE T10_tourdetails
```

```
(  
    tour_id INT PRIMARY KEY NOT NULL,
```

```
tour_agent_id VARCHAR(40)NOT NULL,  
tour_customer_id VARCHAR(45)NOT NULL,  
tour_name VARCHAR(45)NOT NULL,  
tour_type VARCHAR(45)NOT NULL,  
tour_place VARCHAR(45)NOT NULL,  
tour_description VARCHAR(45)  
);
```

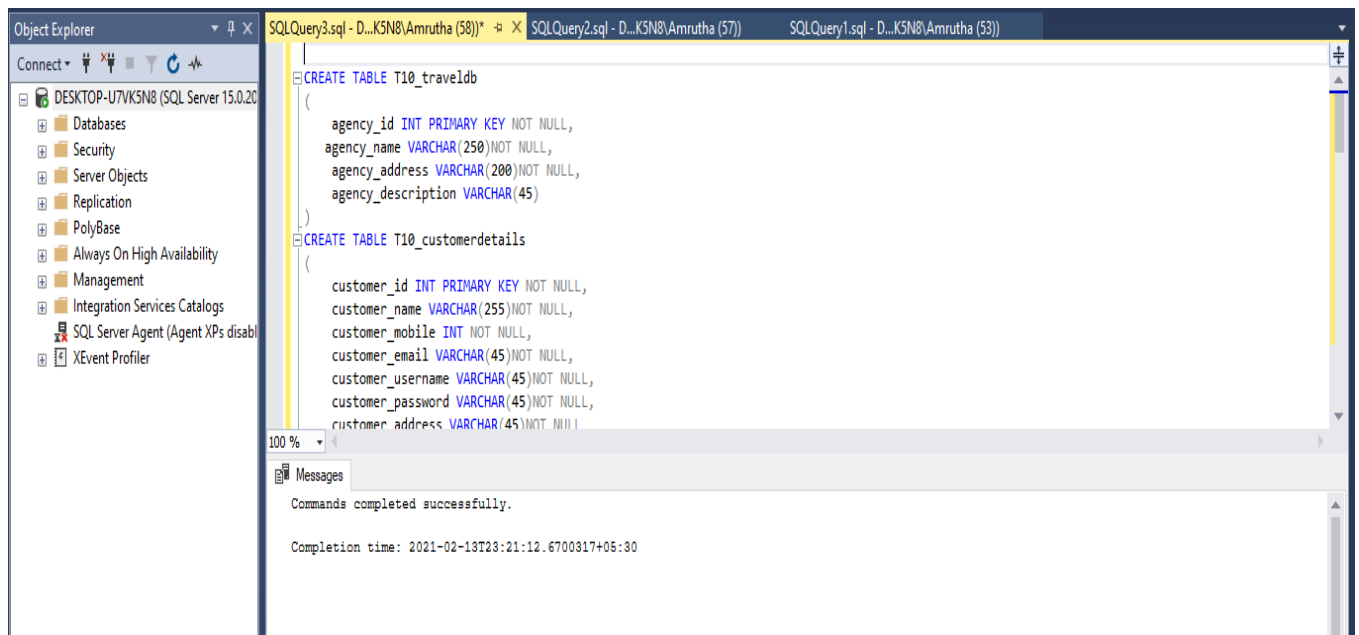
```
CREATE TABLE T10_packagedetails
```

```
(  
    package_id INT PRIMARY KEY NOT NULL,  
    package_tour_id INT NOT NULL,  
    package_name VARCHAR(45)NOT NULL,  
    package_amount INT NOT NULL,  
    package_total INT NOT NULL,  
    package_type VARCHAR(45) NOT NULL,  
    package_description VARCHAR(200)  
);
```

```
CREATE TABLE T10_transportationdetails
```

```
(  
    transportation_id INT PRIMARY KEY NOT NULL,  
    transportation_tour_id VARCHAR(255)NOT NULL,  
    transportation_name VARCHAR(45)NOT NULL,  
    transportation_type VARCHAR(45)NOT NULL,  
    transportation_description VARCHAR(200)  
);
```

## OUTPUT.



## 4.Drop table QUERY

```
CREATE TABLE MY_SISTER
(
    First_Name VARCHAR(20) NOT NULL,
    Last_Name VARCHAR(20) NOT NULL,
    Phone_Number VARCHAR(12) NOT NULL,
    DOB DATE NOT NULL,
    Address_details TEXT,
    Intrests TEXT
)
DROP TABLE MY_SISTER
```

## OUTPUT

```

SQLQuery3.sql - D...K5N8\Amrutha (58))* SQLQuery2.sql - D...K5N8\Amrutha (57) SQLQuery1.sql - D...K5N8\Amrutha (53))
CREATE TABLE MY_SISTER
(
    First_Name VARCHAR(20) NOT NULL,
    Last_Name VARCHAR(20) NOT NULL,
    Phone_Number VARCHAR(12) NOT NULL,
    DOB DATE NOT NULL,
    Address_details TEXT,
    Interests TEXT
)

```

100 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T23:26:40.3444686+05:30

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

### QUERY

USE T10\_TRAVEL;  
EXEC sp\_help T10\_bookingdetails

### OUTPUT

SQLQuery3.sql - D...K5N8\Amrutha (58))\* SQLQuery2.sql - D...K5N8\Amrutha (57) SQLQuery1.sql - D...K5N8\Amrutha (53))

```
EXEC sp_help T10_bookingdetails
```

100 %

Results Messages

	Name	Owner	Type	Created_datetime
1	T10_bookingdetails	dbo	user table	2021-02-13 23:21:12.620

	Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrimTrailingBlanks	FixedLenNullInSource	Collation
1	booking_id	int	no	4	10	0	no	(n/a)	(n/a)	NULL
2	booking_hotel_id	varchar	no	255			no	no	no	SQL_Latin1_General_CP1_CI_AS
3	booking_type	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS
4	booking_date	int	no	4	10	0	no	(n/a)	(n/a)	NULL
5	booking_title	varchar	no	45			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
6	booking_description	varchar	no	445			yes	no	yes	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__T10_book__5DE3A5B19CE74E82	clustered, unique, primary key located on PRIMARY	booking_id

	constraint_type	constraint_name	delete_action	update_action	status_enabled	status_for_replication	constraint_keys
1	PRIMARY KEY (clustered)	PK__T10_book__5DE3A5B19CE74E82	(n/a)	(n/a)	(n/a)	(n/a)	booking_id

## 6.Show all the tables from the database (This is not done in class.)

### QUERY

SELECT \* FROM SYSOBJECTS WHERE xtype='U';

### OUTPUT

SQLQuery3.sql - D:\K5N8\Amrutha (58)) \* SQLQuery2.sql - D:\K5N8\Amrutha (57)) SQLQuery1.sql - D:\K5N8\Amrutha (53))

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

100 %

Results Messages

	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	crdate	ftcatid	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	T10_travelidb	279672044	U	1	0	0	0	0	0	2021-02-13 23:21:12.467	0	0	0	U	1	3
7	T10_customerdetails	311672158	U	1	0	0	0	0	0	2021-02-13 23:21:12.617	0	0	0	U	1	3
8	T10_bookingdetails	343672272	U	1	0	0	0	0	0	2021-02-13 23:21:12.620	0	0	0	U	1	3
9	T10_hoteldetails	375672386	U	1	0	0	0	0	0	2021-02-13 23:21:12.623	0	0	0	U	1	3
10	T10_tourdetails	407672500	U	1	0	0	0	0	0	2021-02-13 23:21:12.627	0	0	0	U	1	3
11	T10_packagedetails	439672614	U	1	0	0	0	0	0	2021-02-13 23:21:12.630	0	0	0	U	1	3
12	T10_transportationdetails	471672728	U	1	0	0	0	0	0	2021-02-13 23:21:12.637	0	0	0	U	1	3
13	spt_monitor	1803153469	U	1	0	0	0	0	0	2019-09-24 14:21:40.837	0	0	0	U	1	3
14	MReplication_options	2107154552	U	1	0	0	0	0	0	2019-09-24 14:22:51.377	0	0	0	U	1	3

7.Create Table using Select Statement (I haven't showed you this. I want you to try, it is very simple you should not have any problem).

## QUERY

USE T10\_TRAVEL;

SELECT package\_id , package\_name INTO package\_info FROM T10\_packagedetails.

## OUTPUT

```
USE T10_TRAVEL;
SELECT package_id, package_name INTO package_info FROM T10_packagedetails
```

146 %

Messages

(0 rows affected)

Completion time: 2021-02-13T21:29:07.5486662+05:30

8.Create a table which has derived attribute. (Example can be Age is a derived attribute from Date of Birth. You should try this as well).

## QUERY

CREATE TABLE MY\_SISTER\_DETAILS

(

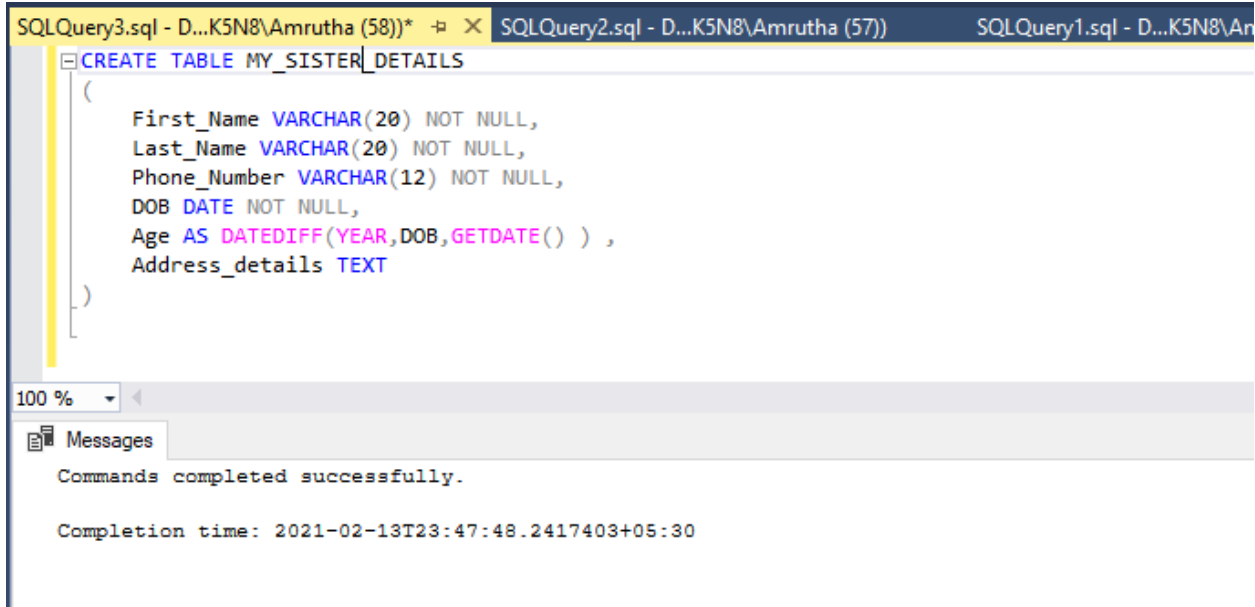
First\_Name VARCHAR(20) NOT NULL,

Last\_Name VARCHAR(20) NOT NULL,

Phone\_Number VARCHAR(12) NOT NULL,

DOB DATE NOT NULL,  
Age AS DATEDIFF(YEAR,DOB,GETDATE() ) ,  
Address\_details TEXT  
)

## OUTPUT



The screenshot displays the SQL Server Enterprise Manager interface. At the top, three query windows are open: 'SQLQuery3.sql - D...K5N8\Amrutha (58))', 'SQLQuery2.sql - D...K5N8\Amrutha (57))', and 'SQLQuery1.sql - D...K5N8\An'. The active window, 'SQLQuery3.sql', shows the following SQL command:

```
CREATE TABLE MY_SISTER_DETAILS  
(  
    First_Name VARCHAR(20) NOT NULL,  
    Last_Name VARCHAR(20) NOT NULL,  
    Phone_Number VARCHAR(12) NOT NULL,  
    DOB DATE NOT NULL,  
    Age AS DATEDIFF(YEAR,DOB,GETDATE() ) ,  
    Address_details TEXT  
)
```

Below the query editor, the 'Messages' pane shows the execution results:

```
Commands completed successfully.  
  
Completion time: 2021-02-13T23:47:48.2417403+05:30
```