

DBMS Lab Assignment 2

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/*1.Show how to create and drop database*/

CREATE DATABASE T8_Hospital_Database;

DROP DATABASE T8_Hospital_Database;

/*2.Sow all the databases in the system*/

SELECT *FROM sys.databases WHERE database_id>0;

	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	
master		1	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	MULTI_USER		0	0	0	0	ONLINE	0	
tempdb		2	NULL	0x01	2021-02-11 13:41:06.790	150	SQL_Latin1_General_CP1_CI_AS	MULTI_USER		0	0	0	0	ONLINE	0	
model		3	NULL	0x01	2003-04-08 09:13:36.390	150	SQL_Latin1_General_CP1_CI_AS	MULTI_USER		0	0	0	0	ONLINE	0	
msdb		4	NULL	0x01	2019-09-24 14:21:42.270	150	SQL_Latin1_General_CP1_CI_AS	MULTI_USER		0	0	0	0	ONLINE	0	

```

/*3.Create table for your database*/
CREATE TABLE patient
(ID INT NOT NULL
CONSTRAINT AK_ID UNIQUE(ID),
Assigned_Doctor INT NOT NULL,
Patient_Name VARCHAR,
Gender VARCHAR NOT NULL,
DOB DATE NOT NULL,
Condition VARCHAR NOT NULL,
Blood_Group VARCHAR NOT NULL,
Address VARCHAR NOT NULL,
Phone_Number INT NOT NULL
CONSTRAINT AK_Phone_Number UNIQUE(Phone_Number),);

```

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/*4.Drop Table*/
CREATE TABLE TEST(
TEST1 INT NOT NULL,);
DROP TABLE TEST;

```

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/*5. Show how to check the schema of the tables*/
sp_help patient;

```

Name	Owner	Type	Created_datetime
patient	dbo	user table	2021-02-13 12:19:58.133

```
/*6. Show all the tables from the database*/
SELECT * FROM SYSOBJECTS WHERE xtype='U';
```

Column_name	Type	Computed	Length	Prec	Scale	Nullable
TrimTrailingBlanks	FixedLen	NullInSource	Collation			
ID	int	no	4	10	0	no (n/a) (n/a)
		NULL				
Assigned_Doctor	int	no	4	10	0	no (n/a) (n/a) NULL
Patient_Name	varchar	no	1			yes no SQL_Latin1_General_CP1_CI_AS
Gender	varchar	no	1			no no no SQL_Latin1_General_CP1_CI_AS
DOB	date	no	3	10	0	no (n/a) (n/a) NULL
Condition	varchar	no	1			no no no SQL_Latin1_General_CP1_CI_AS
Blood_Group	varchar	no	1			no no no SQL_Latin1_General_CP1_CI_AS
Address	varchar	no	1			no no no SQL_Latin1_General_CP1_CI_AS
Phone_Number	int	no	4	10	0	no (n/a) (n/a) NULL

index_name	index_description	index_keys
AK_ID	nonclustered, unique, unique key located on PRIMARY	ID
AK_Phone_Number	nonclustered, unique, unique key located on PRIMARY	Phone_Number

constraint_type	constraint_name	delete_action
update_action	status_enabled	status_for_replication
constraint_keys		
UNIQUE (non-clustered)	AK_ID	(n/a) (n/a) (n/a)
(n/a)	ID	
UNIQUE (non-clustered)	AK_Phone_Number	(n/a) (n/a)
(n/a)	Phone_Number	

```
/*7.Create table using select statement*/  
SELECT ID,Patient_Name,Gender,Phone_Number,Condition INTO  
FEE from Patient;
```

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/*8. Create a table which has derived attribute*/  
CREATE TABLE Doctor  
(DID INT NOT NULL,  
CONSTRAINT AK_DID UNIQUE(DID),  
Doctor_Name VARCHAR NOT NULL,  
Current_Case VARCHAR,  
DPhone_Number VARCHAR NOT NULL  
CONSTRAINT AK_DPhone_Number UNIQUE(DPhone_Number),  
Qualification VARCHAR NOT NULL,  
Salary INT NOT NULL,  
D_DIB INT NOT NULL,  
Age as DATEDIFF(YEAR,D_DOB,GETDATE()),);
```