CHY VOTHANA

IT 29/31 5:30PM – 8:30PM

Lecture: Advanced Microsoft SQL

Testing SQL On SQL Server

```sql
select @@LANGUAGE as serverlang
select @@version
print  @@version
SELECT * FROM [sys].[dm_tcp_listener_states]
```



```sql
IF EXISTS (SELECT name FROM sys.databases WHERE name = 'dbElibrary')
        print 'Existing database'
ELSE
        CREATE DATABASE dbElibrary
```

```sql
CREATE DATABASE NUM
ON
PRIMARY (NAME = NUM,FILENAME = 'D:\TESTSQL\NUM.mdf'
        ,SIZE = 10MB , MAXSIZE = 2Gb, FILEGROWTH = 20%)
LOG ON (NAME = NUMLog,FILENAME = 'D:\TESTSQL\NUMLog.ldf'
        ,SIZE = 5MB,MAXSIZE = 1Gb, FILEGROWTH = 10%);
```
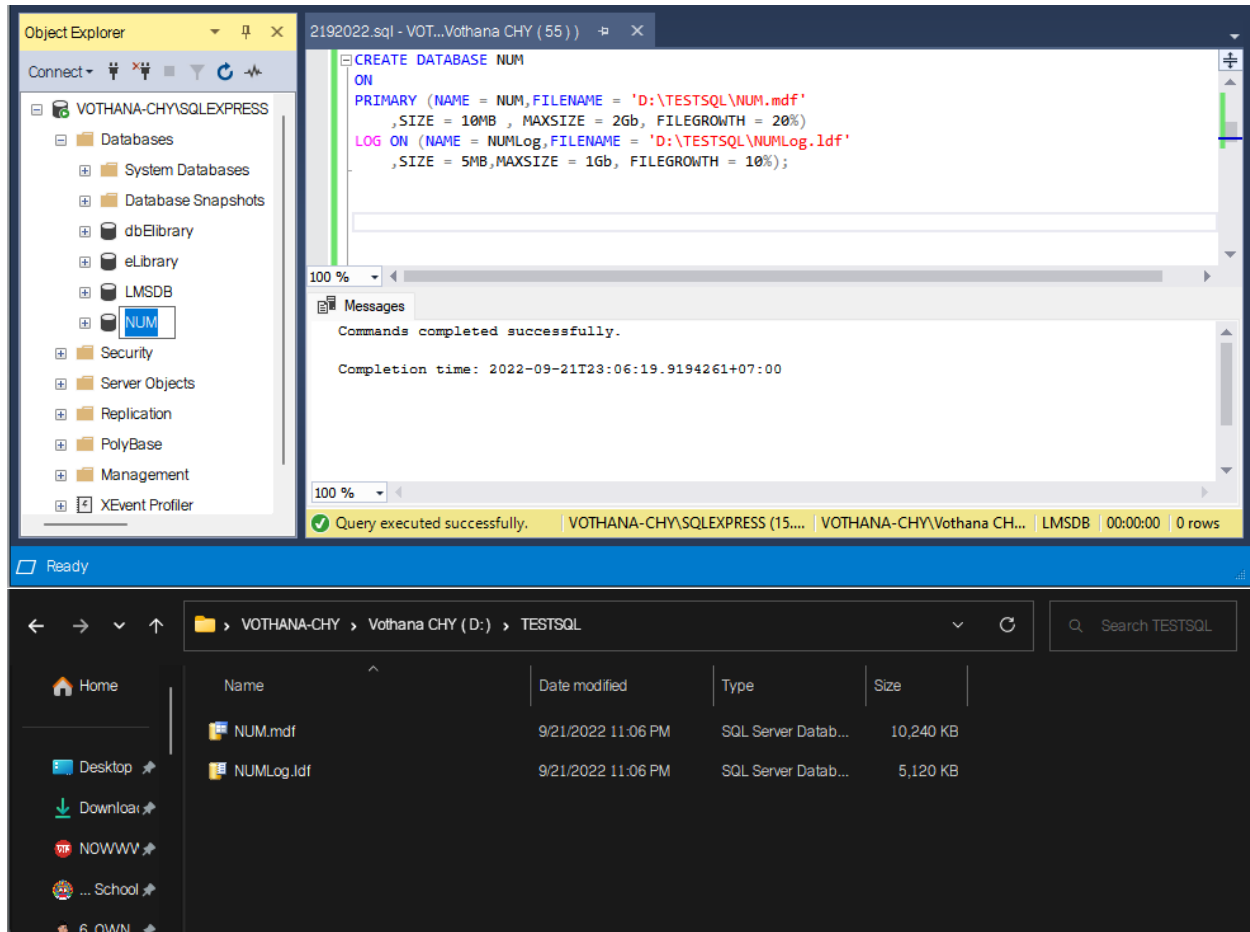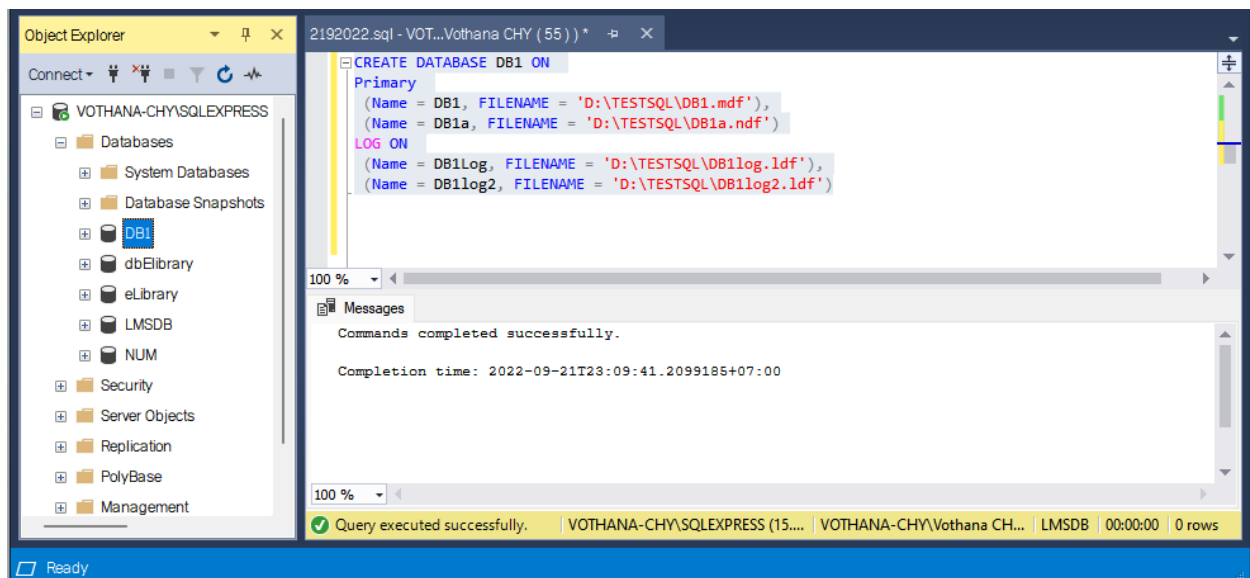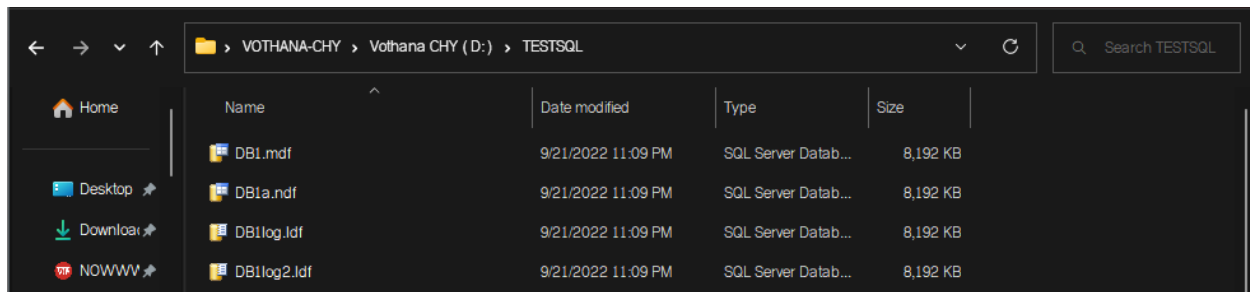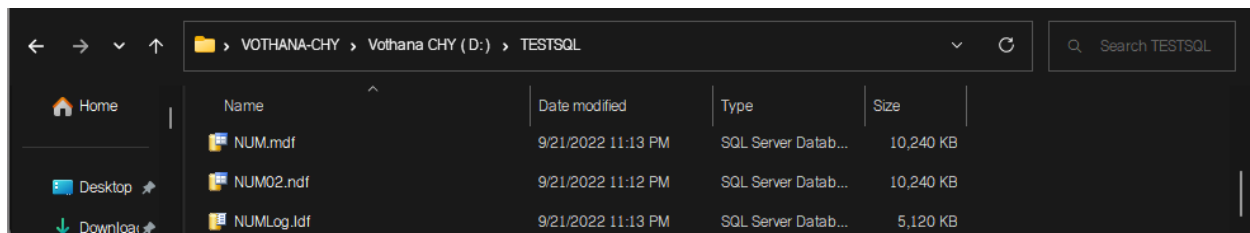


```sql
CREATE DATABASE DB1 ON
Primary
 (Name = DB1, FILENAME = 'D:\TESTSQL\DB1.mdf'),
 (Name = DB1a, FILENAME = 'D:\TESTSQL\DB1a.ndf')
LOG ON
 (Name = DB1Log, FILENAME = 'D:\TESTSQL\DB1log.ldf'),
 (Name = DB1log2, FILENAME = 'D:\TESTSQL\DB1log2.ldf')
```
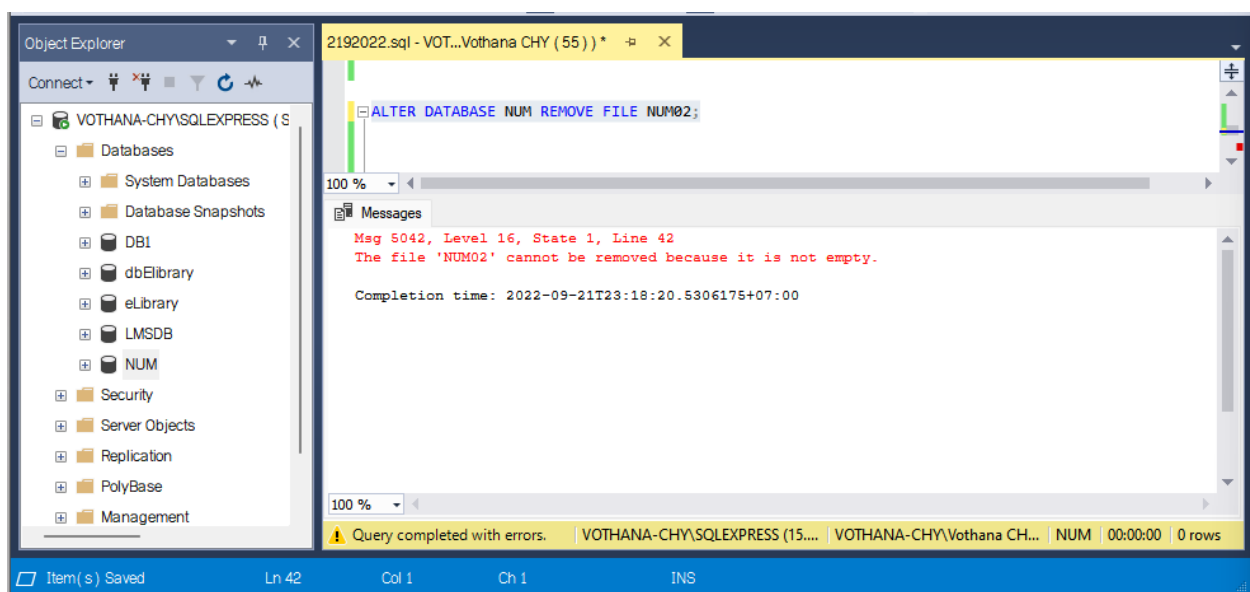
```sql
ALTER DATABASE NUM
ADD FILE
(NAME = NUM02,
FILENAME = 'D:\TESTSQL\NUM02.ndf',
    SIZE = 10MB,MAXSIZE = 2Gb,FILEGROWTH = 20);
```



```sql
ALTER DATABASE NUM REMOVE FILE NUM02;
```

```sql
SELECT [name],physical_name
from sys.database_files
```



```sql
drop database NUM,dbElibrary
Select name from sys.databases
```



```sql
create database dbstudent;
```
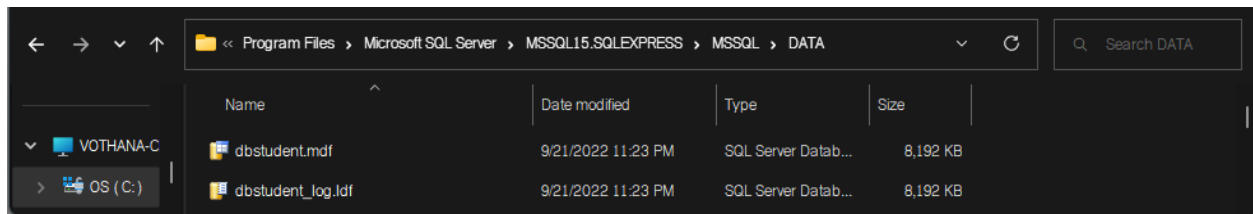
```sql
use dbstudent;
create table Tblstudent(
        id int primary key,
        stname varchar(50),
        Gender nvarchar(7)
)
```
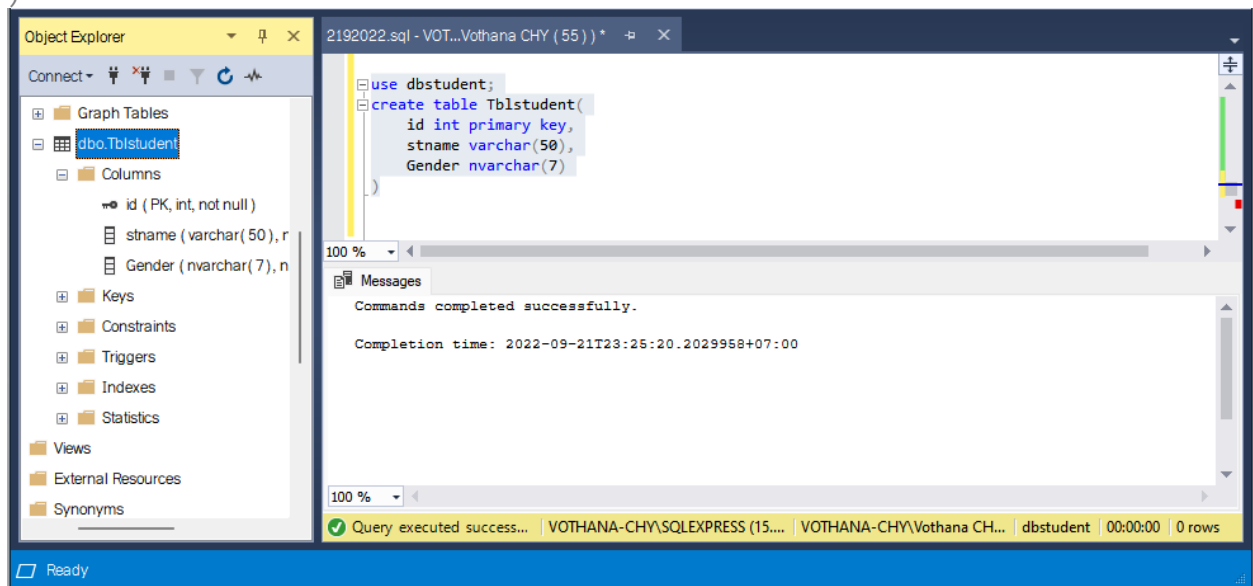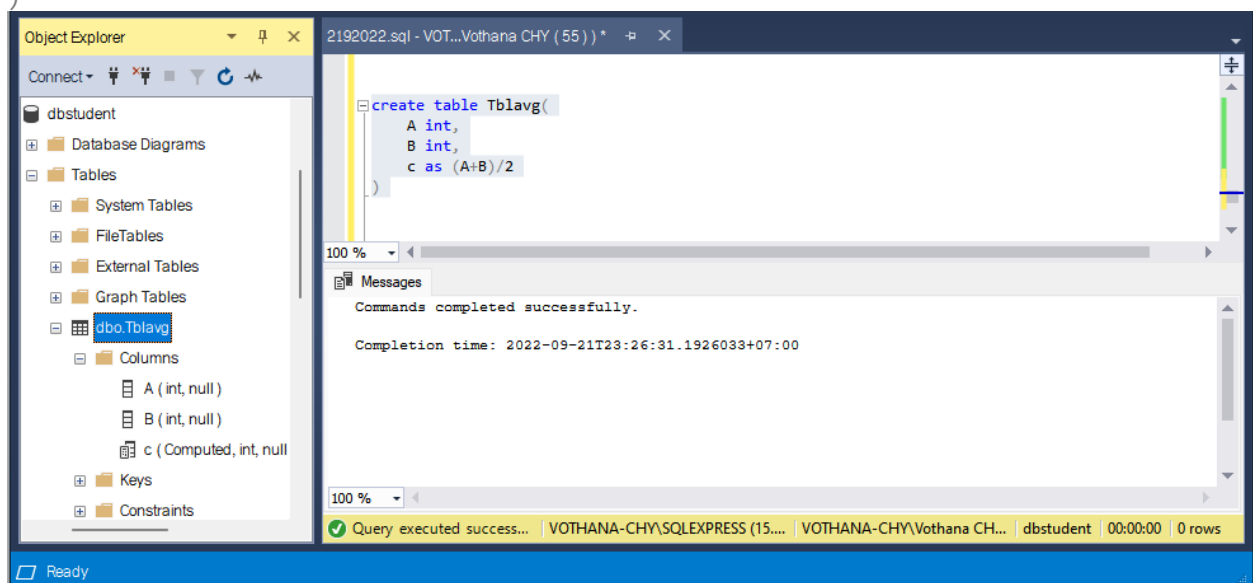


```sql
create table Tblavg(
        A int,
        B int,
        c as (A+B)/2
)
```

```
insert into tblavg values(81,72)
select * from Tblavg
```