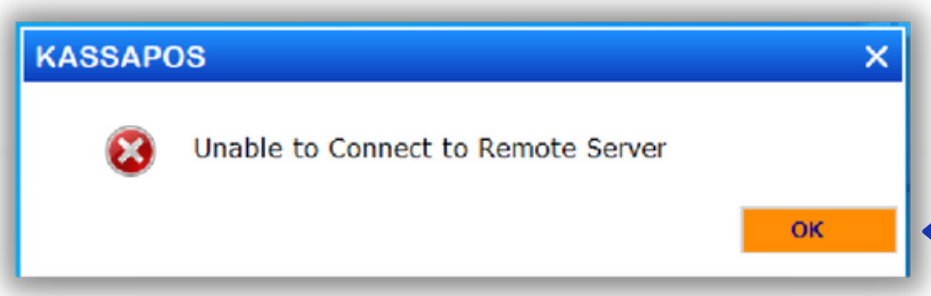
How To Recover The Database Suspect

KASSAPOS
SOFTWARE SOLUTIONS

To Recover the Database Suspect

Step1: First Find The Database Suspect

Open the Exe, if it is showing unable to Connect remote server follow the below steps

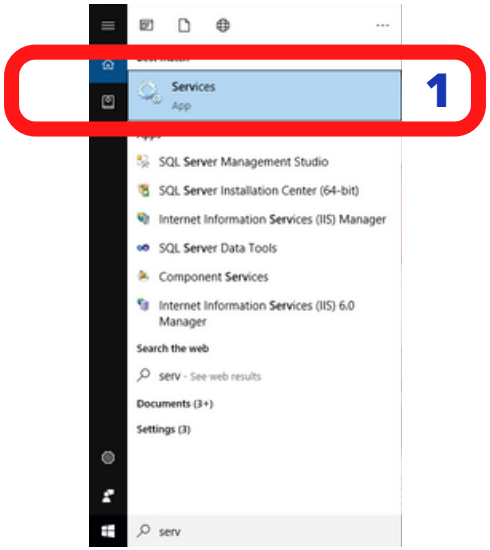


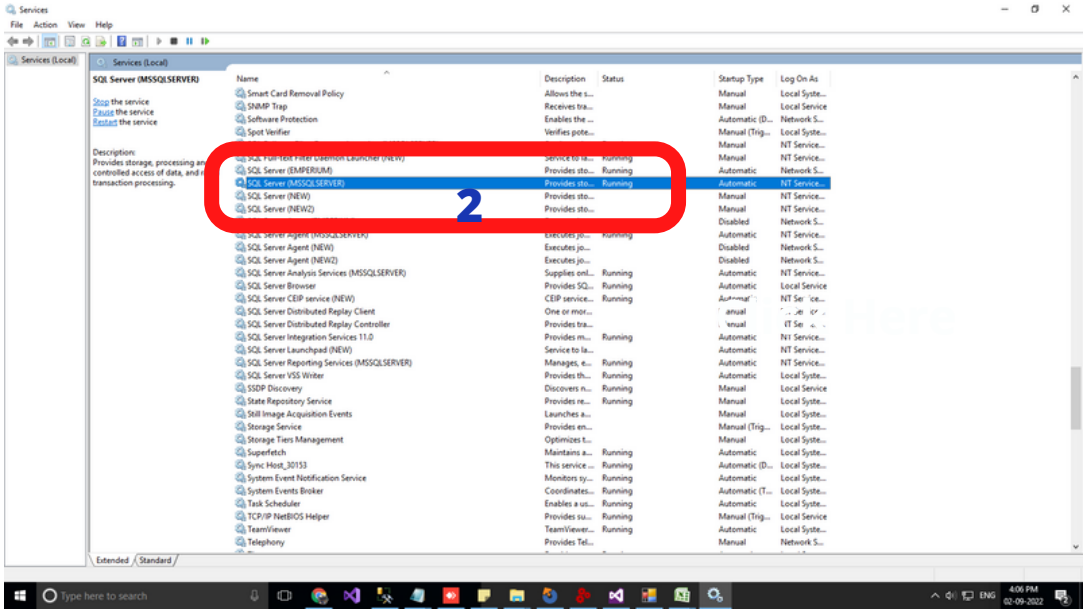
1. Check SQL Server is Running Or Not
2. Check Config File and find the Database Name
3. Check In Linqpad to verify the Database Name is there or Not
4. If The Database Name is not there In Linqpad, then it is a Database Suspect

To Recover the Database Suspect

Step1 : Check SQL Server Is Running Or Not

Press Windows Key->Type SQL Server->Open





1. Click on Services
2. Check the status of "SQL Server(MSSQLSERVER)". If this service is not running right click to start

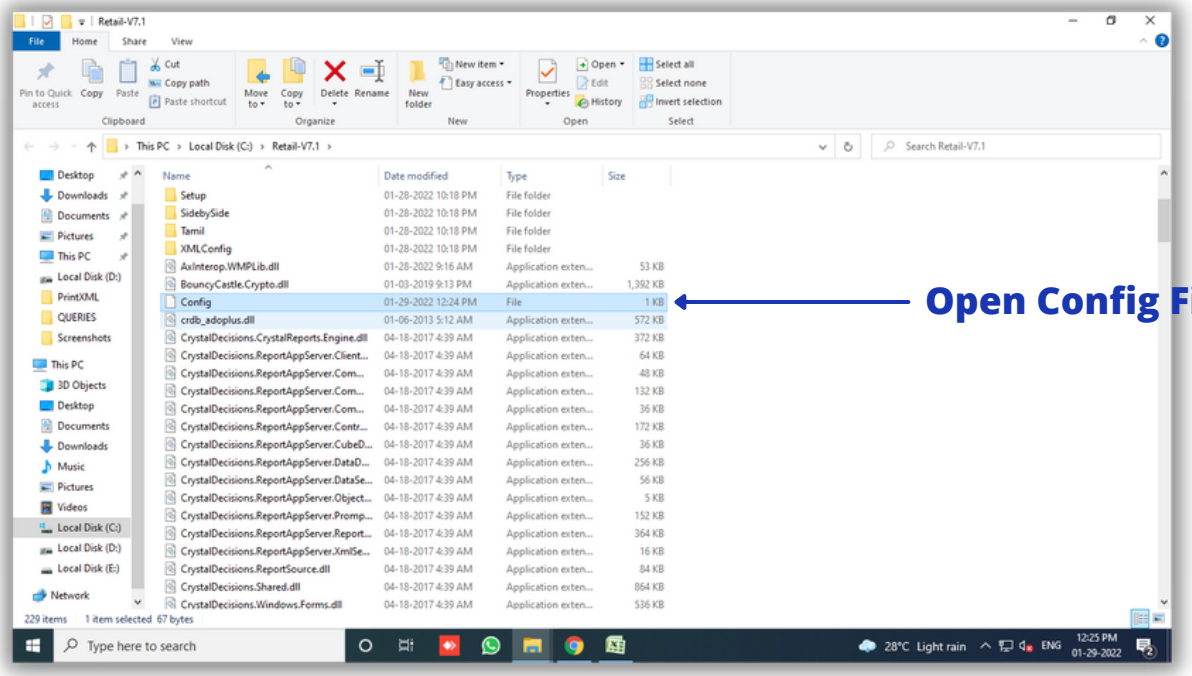
If "SQL Server (MSSQLSERVER)" is running, The SQL Server is Working Fine. If it is stopped the SQL Server has a problem

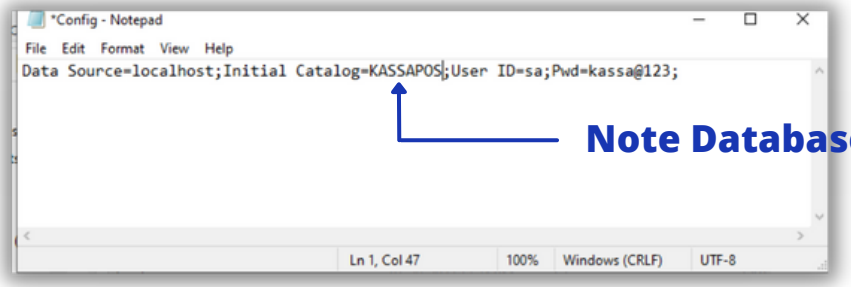
(NOTE: If SQL Server is Stopped Install The SQL New Instances)

To Recover the Database Suspect

Step2: Now Check The Database Name

EXE Icon->Right Click->Open File Location->Select Config File



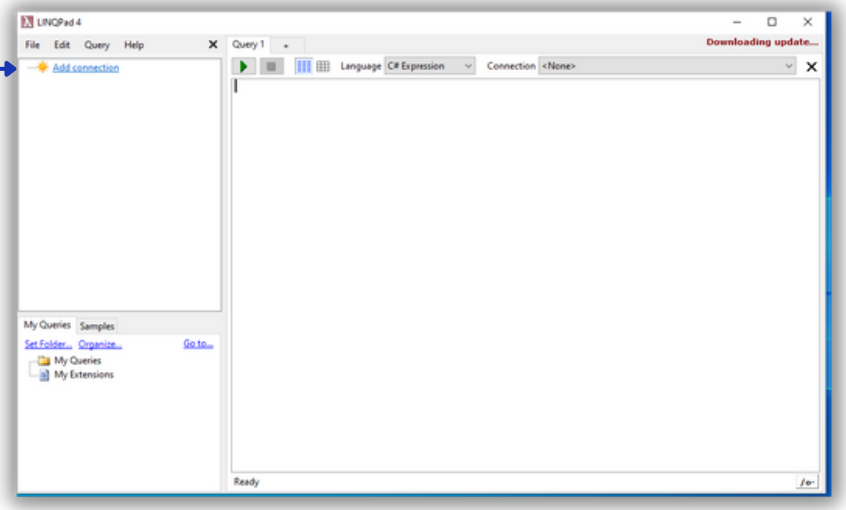


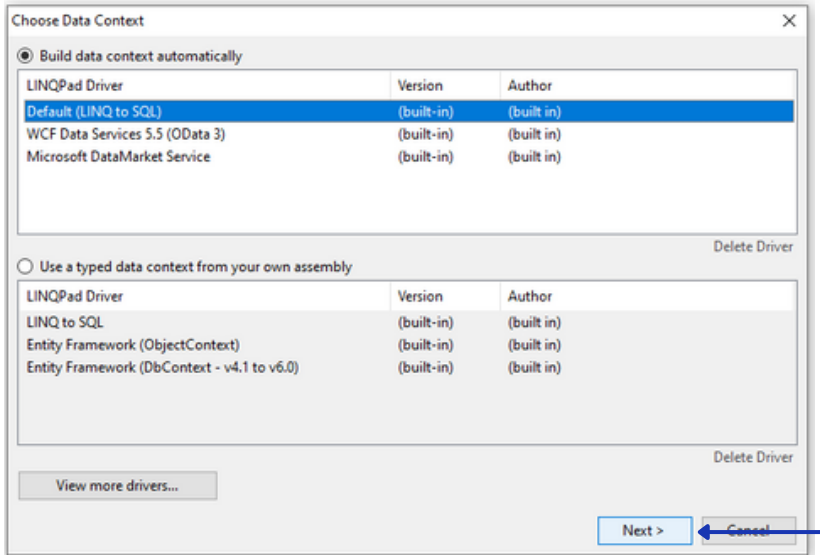
To Recover the Database Suspect

Step3: Now Check Database Is Here or Not In Linqpad

Open Linqpad

Click Add Connection





Click Next

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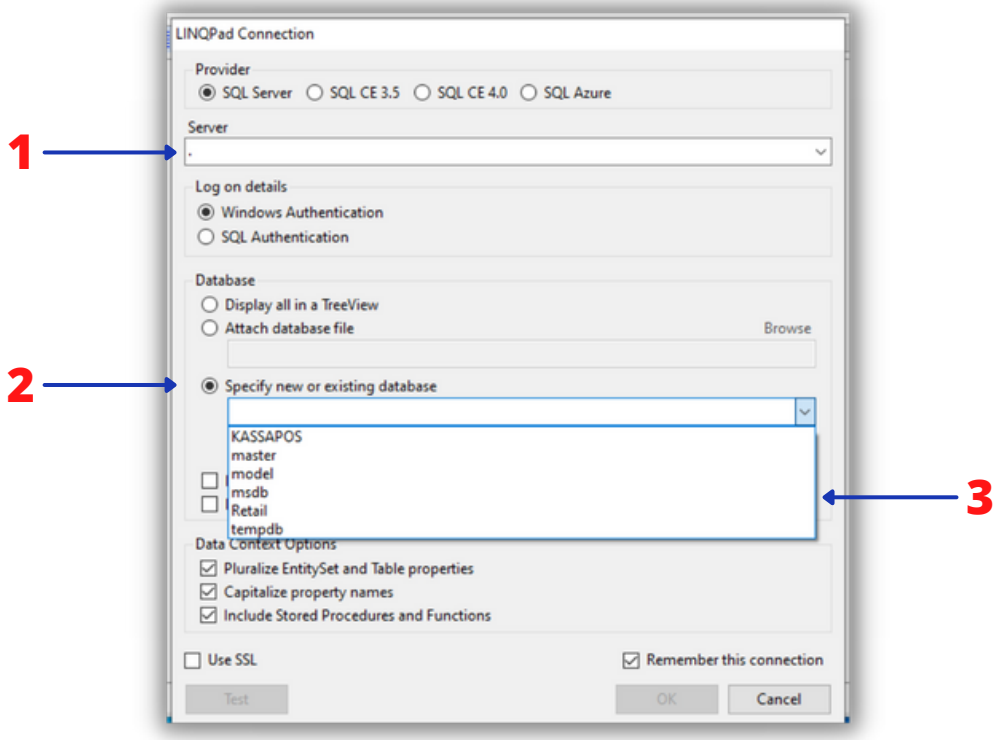


1 → **Enter The SQL Name**

2 → **Select "Specify New or Existing Database"**

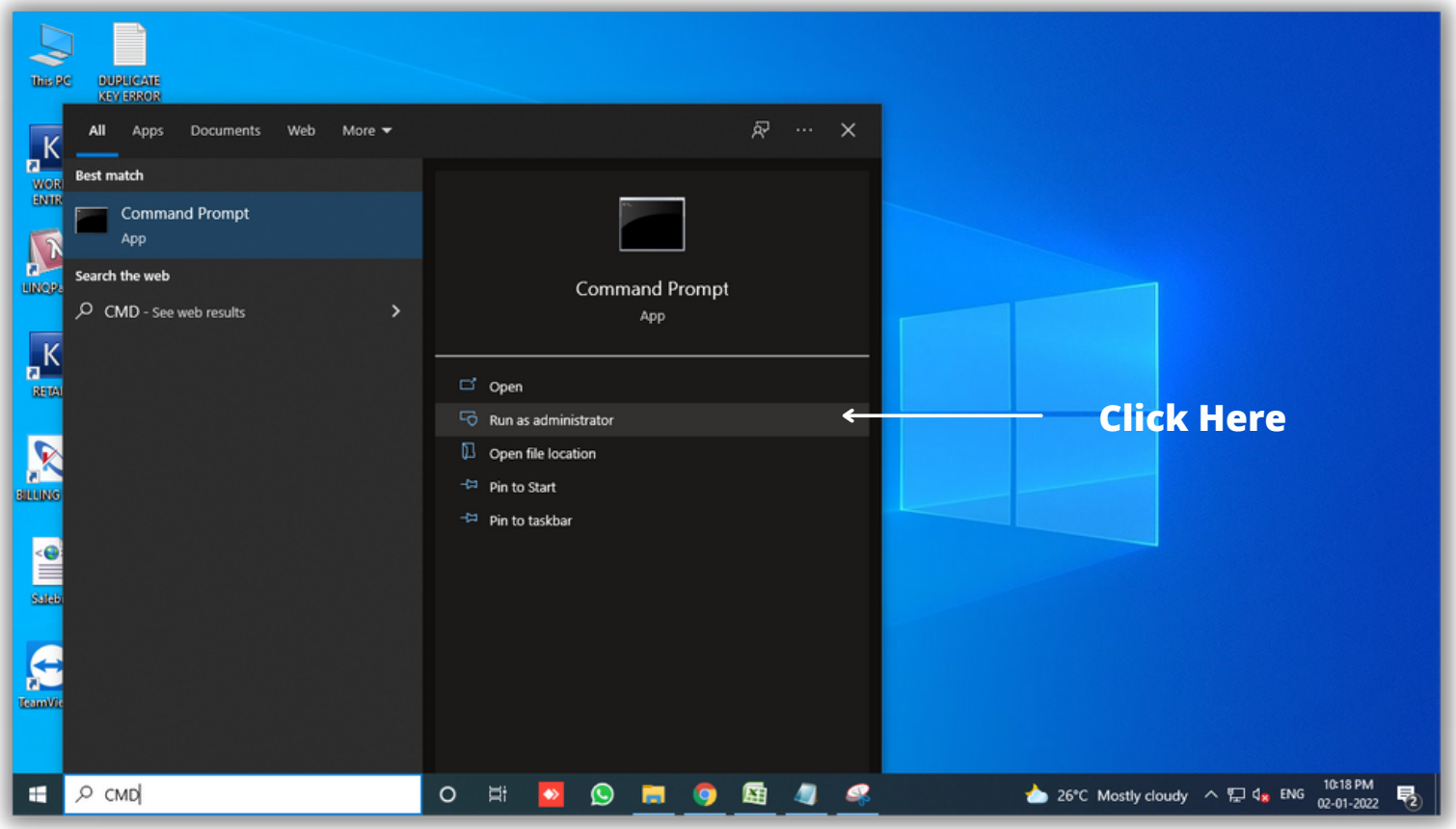
3 → **Search The Database Name**

If the Database Name is not there, it is a Data Suspect

To Recover the Database Suspect

Step4: Recover The Suspected Database

Start->Type CMD->Right Click->Run As Administrator

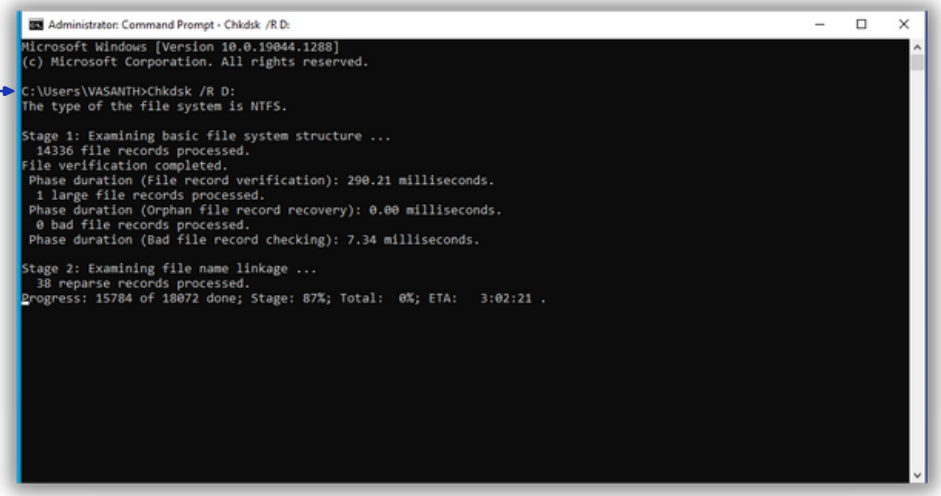


To Recover the Database Suspect

Step5: Run the Check Disk CMD to Recover the damaged File

In CMD Window->Type Chkdsk /R D: ->Click Enter

Type Here Chkdsk /R D:



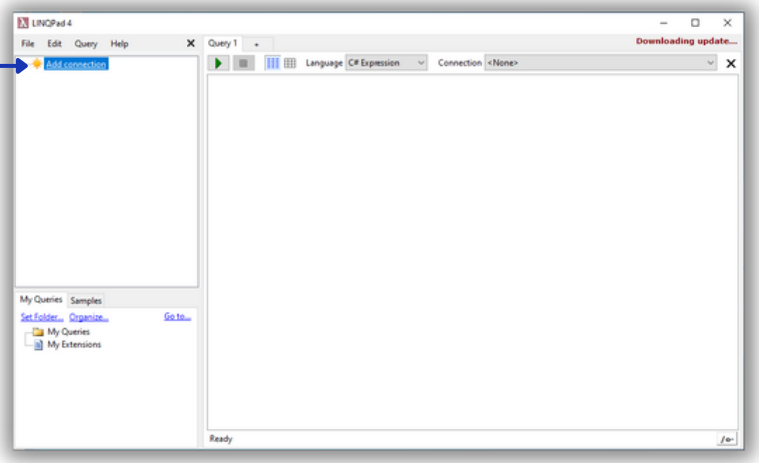
It Takes 20 or 30 Minutes to complete

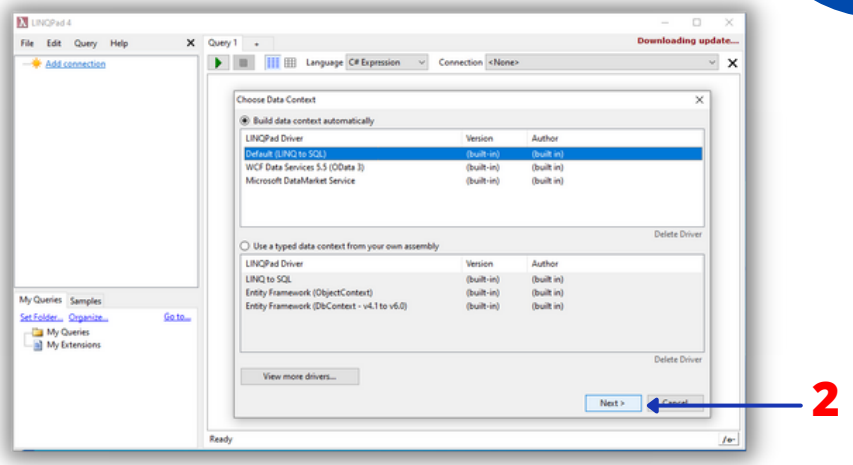
Once it is completed go to the Linqpad

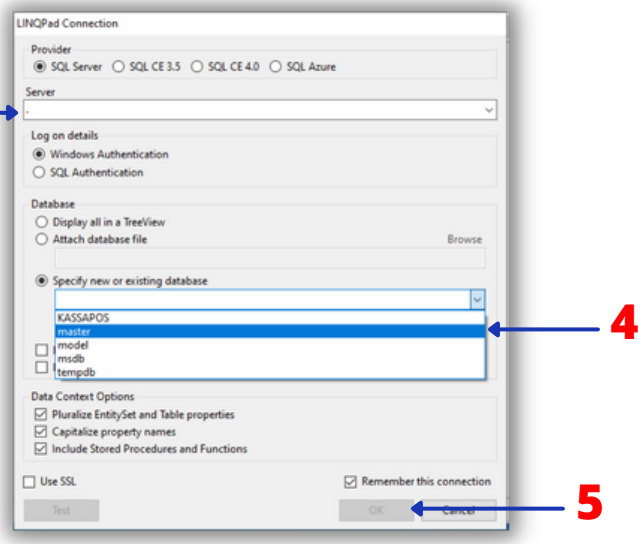
(Note: Here the letter D is a Database Drive Name. For Example, if the Database is there in Drive F, then you should type Chkdsk /R C:\Users\VASANTH>Chkdsk /R F:

To Recover the Database Suspect

Step6: Now Open The Linqpad For Recover The Database







1 → Click on Add Connection

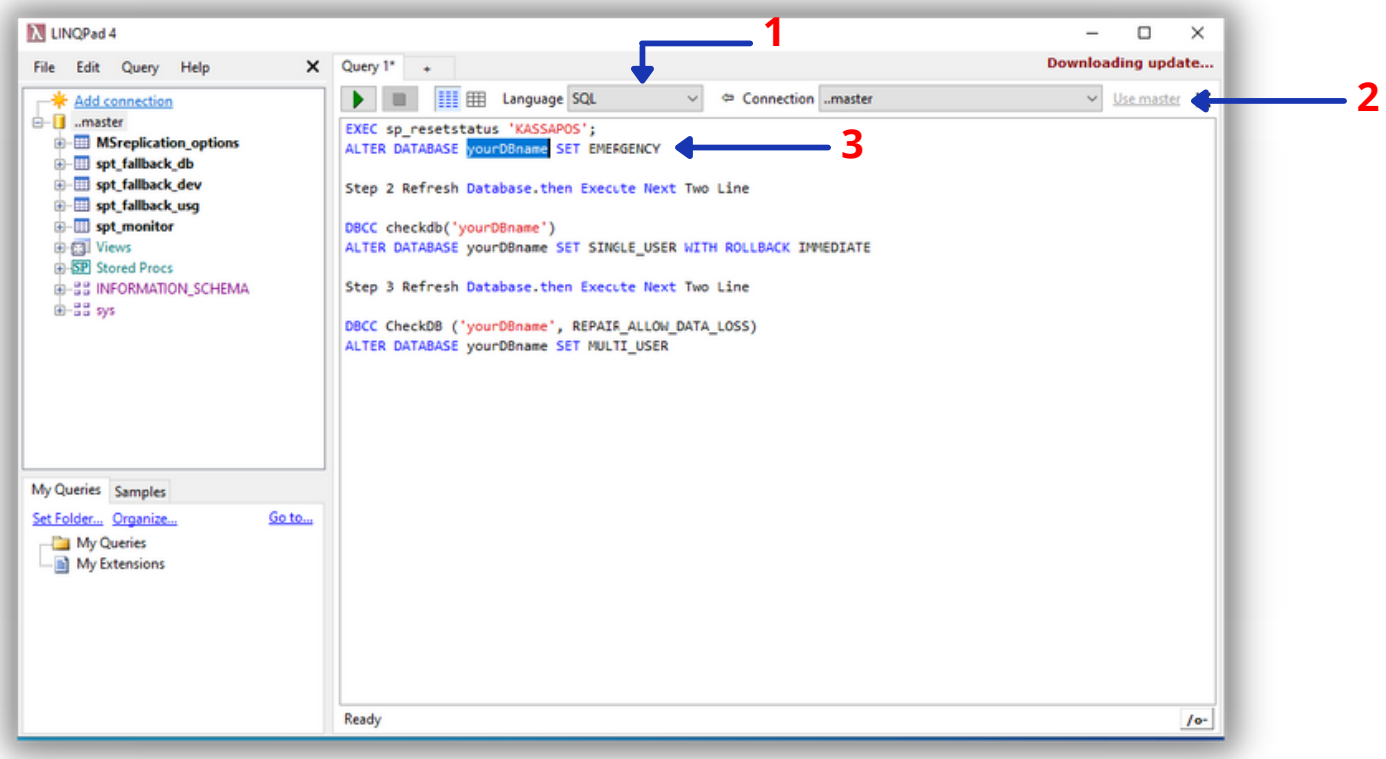
2 → Click on Next

3 → Type Server Name

4 → Select Master

5 → Click OK

To Recover the Database Suspect



1 ⟶ **In Linqpad Select SQL**

2 ⟶ **Click on "Use Master"**

3 ⟶ **Copy and Paste the following three queries in Linqpad and run the Queries one by one.**

To Recover the Database Suspect

Query 1:

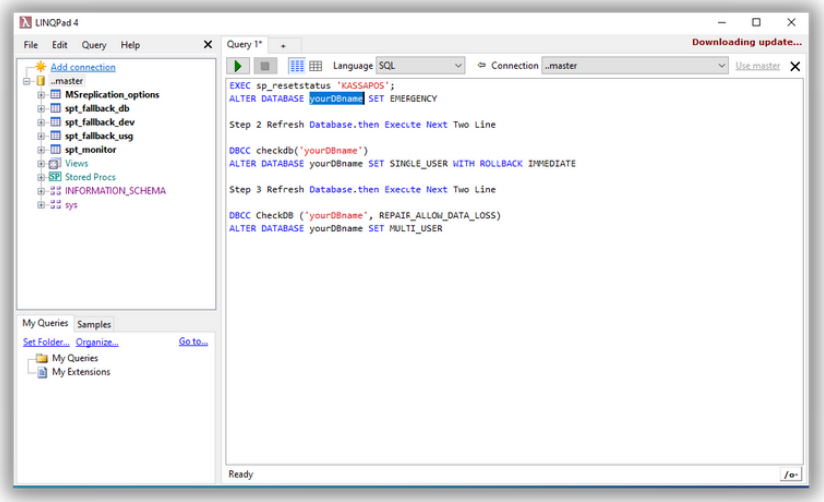
```
EXEC sp_resetstatus 'yourDBname';
ALTER DATABASE yourDBname SET EMERGENCY
```

Query 2:

```
DBCC checkdb('yourDBname')
ALTER DATABASE yourDBname SET SINGLE_USER WITH ROLLBACK IMMEDIATE
```

Query 3:

```
DBCC CheckDB ('yourDBname', REPAIR_ALLOW_DATA_LOSS)
ALTER DATABASE yourDBname SET MULTI_USER
```



Change query lines from Your DBName to Corrupted Database Name like below

```
EXEC sp_resetstatus 'KASSAPOS';
ALTER DATABASE KASSAPOS SET EMERGENCY
```

Now Backup Database using Utility Tool. Once Backup is Completed the Database Recovery is Completed.

Otherwise check the Single Table Suspect Options.