

Installation of MSSQL :

- Install ssms in Windows.
- You must have a RHEL 8.0 - 8.6 machine with at least 2 GB of memory.

Step1:

- `sudo curl -o /etc/yum.repos.d/mssql-server.repo`
- `https://packages.microsoft.com/config/rhel/8/mssql-server-2022.repo`
- `sudo yum install -y mssql-server`

Step2:

- `sudo systemctl stop mssql-server`
- `sudo /opt/mssql/bin/mssql-conf setup`

Step3:

- `systemctl status mssql-server`

Install the SQL Server command-line tools

Step4:

- `sudo curl -o /etc/yum.repos.d/msprod.repo`
- <https://packages.microsoft.com/config/rhel/8/prod.repo>
- `sudo yum install -y mssql-tools unixODBC-devel`
- `echo 'export PATH="$PATH:/opt/mssql-tools/bin"' >> ~/.bash_profile`
- `echo 'export PATH="$PATH:/opt/mssql-tools/bin"' >> ~/.bashrc`
- `source ~/.bashrc`

Create a new database:

1.CREATE DATABASE Manish;

2.SELECT Name from sys.databases;

3. GO

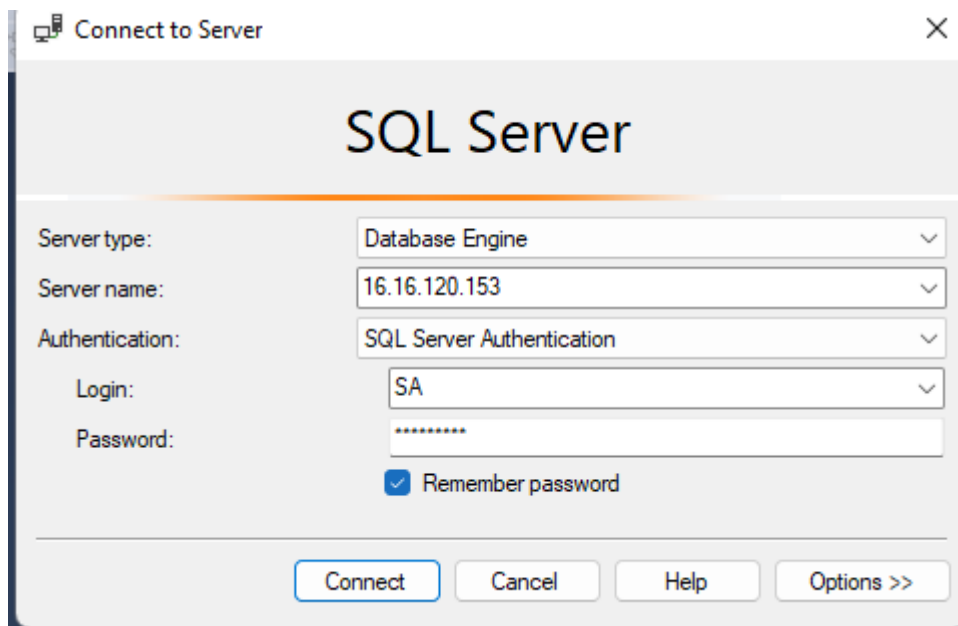
Creating tables in that database:

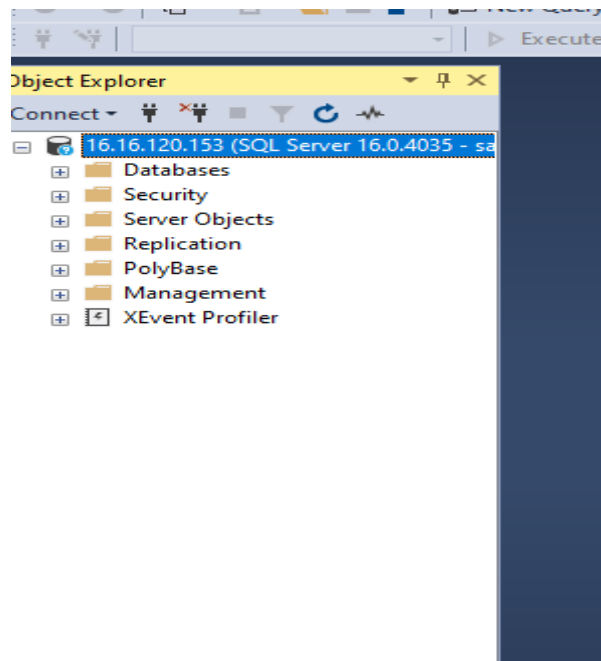
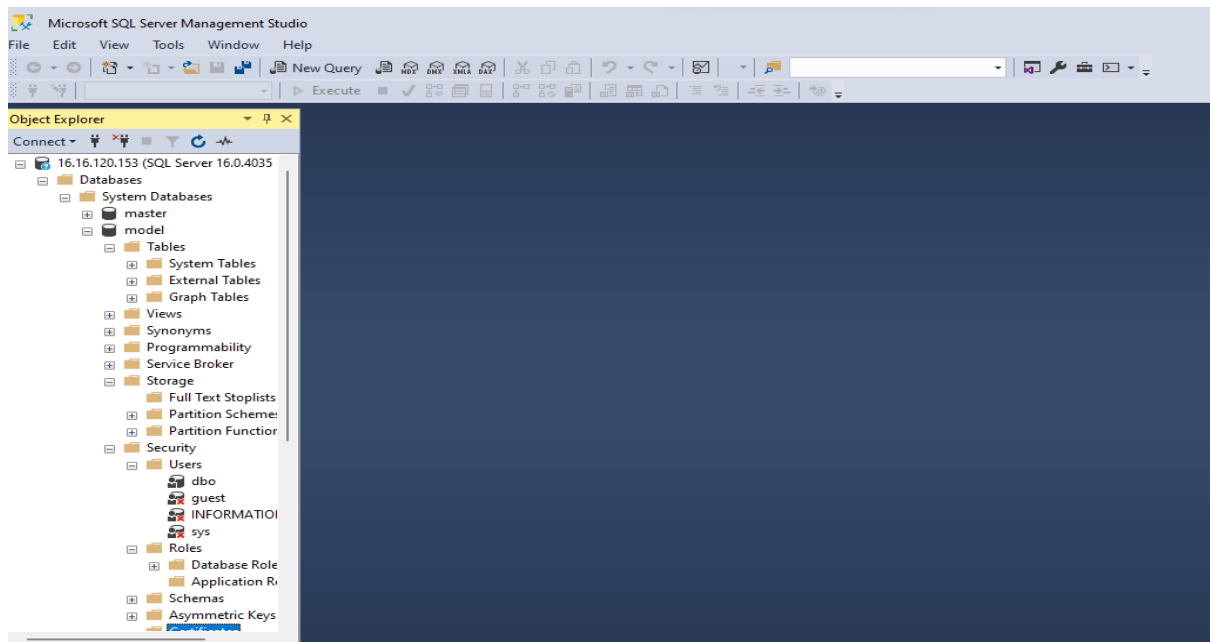
USE Manish

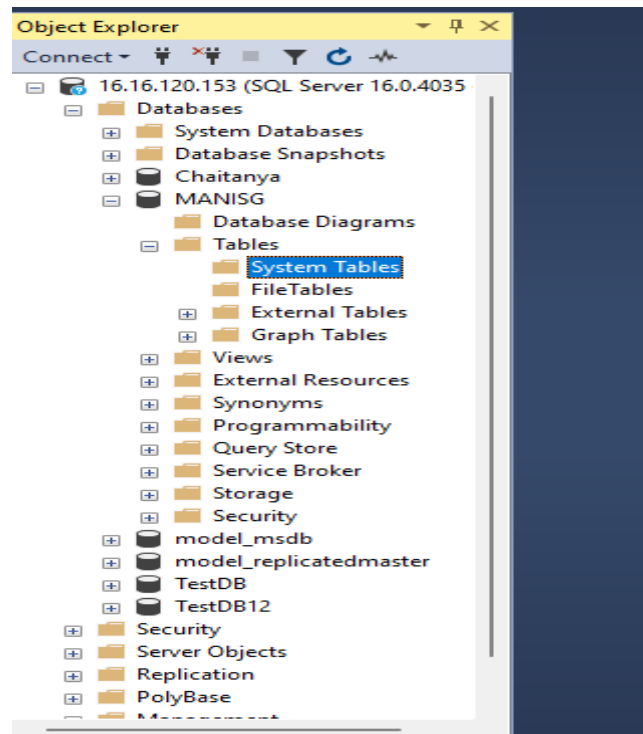
CREATE TABLE tablename;

GO

You can see the output in server in ssms:







```

Msg 102, Level 15, State 1, Server EC2 Instance, Line 1
Incorrect syntax near ';'.
1> CREATE TABLE chaitanya ;
2> GO
Msg 102, Level 15, State 1, Server EC2 Instance, Line 1
Incorrect syntax near ';'.
1> CREATE DATABASE TestDB12;
2> GO
1> CREATE DATABASES;
2> show databases;
3> CREATE DATABASE Chaitanya;
4> GO
Msg 343, Level 15, State 1, Server EC2 Instance, Line 1
Unknown object type 'DATABASES' used in a CREATE, DROP, or ALTER statement.
1> CREATE
2> GO
Msg 102, Level 15, State 1, Server EC2 Instance, Line 1
Incorrect syntax near 'CREATE'.
1> CREATE DATABASE Chaitanya;
2> GO
1> CREATE DATABASE MANISG;
2> GO
1> CREATE TABLE SHASHI;
2> GO
Msg 102, Level 15, State 1, Server EC2 Instance, Line 1
Incorrect syntax near ';'.
1> CREATE TABLE shashi;
2> GO
Msg 102, Level 15, State 1, Server EC2 Instance, Line 1
Incorrect syntax near ';'.
1> USE MANISG;
2> GO
Changed database context to 'MANISG'.
1> CREATE TABLE SHASH;
2> GO
Msg 102, Level 15, State 1, Server EC2 Instance, Line 1
Incorrect syntax near ';'.
1> CREATE TABLE dbo.Inventory (
2>     name NVARCHAR(50),
3>     quantity INT,
4>     PRIMARY KEY (id)
5> );
6> GO
Msg 1911, Level 16, State 1, Server EC2 Instance, Line 1
Column name 'id' does not exist in the target table or view.
Msg 1750, Level 16, State 1, Server EC2 Instance, Line 1
Could not create constraint or index. See previous errors.
1>

```