

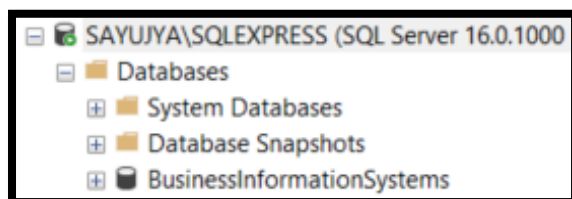
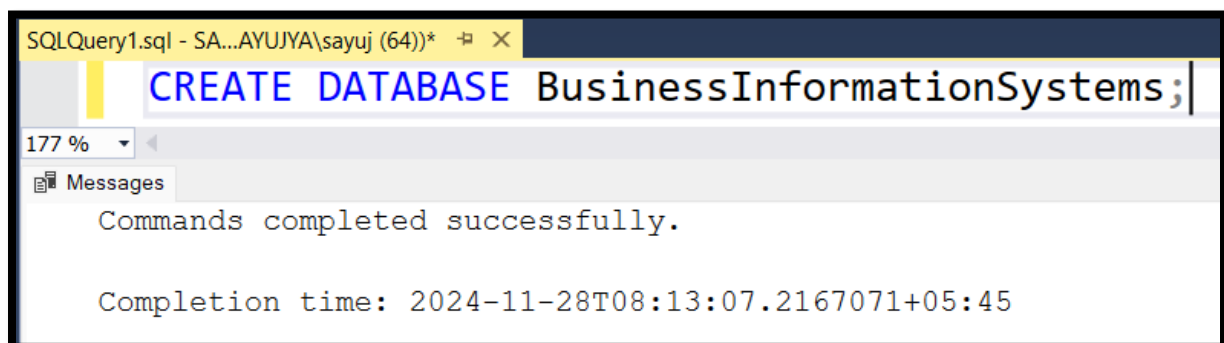
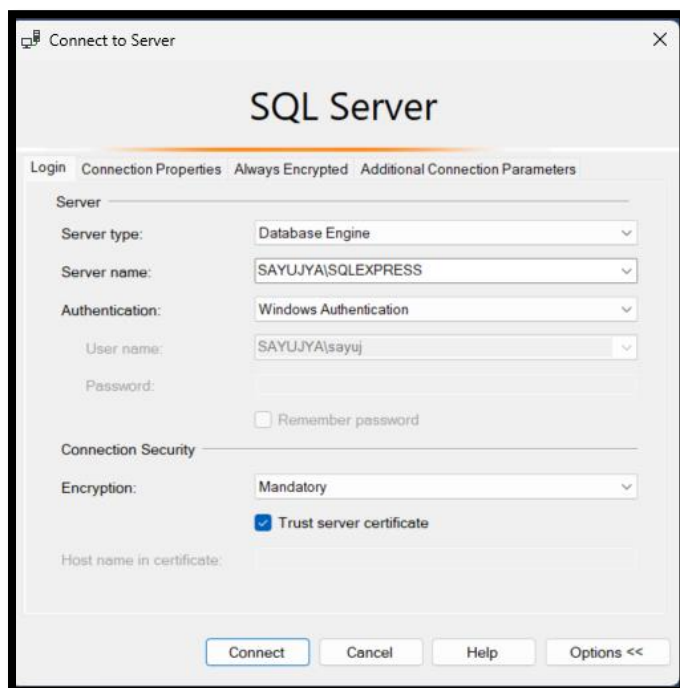
1. Installing Python

We installed python from the official website python.org and added it to the system PATH during installation.

```
C:\Users\sayuj\OneDrive\Desktop\BIM054\00_BIM_Repo\06_BIM6th\BIS>python --version  
Python 3.12.3
```

2. Installing MSSQL and Setting up a new database

SQL Server Express Edition was downloaded from Microsoft, and a database named BusinessInformationSystem was created.



3. Testing Important Libraries in Python

Python libraries, numpy and math was imported and tested.

```
06_BIM6th > BIS > Lab01 > Python_Test.py > ...
1  import numpy as np
2  import math
3
4  a = 16
5  randomArray = np.random.randint(10, size=5)
6
7  print(math.sqrt(a))
8  print(randomArray)
```

PROBLEMS 18 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Microsoft Windows [Version 10.0.22631.4541]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sayuj\OneDrive\Desktop\BIM054\00_BIM_Repo>python
4.0
[6 4 3 2 4]