1. Go to VS code.
2. After going, to the database symbol you can see
3. Click on Create a connection
4. It will open a new window
5. Give username and password
6. Click on connect
7. When it shows the connection is successful, you can see the SQL file on the right-hand side. There you can see the + sign, and from there you can create a database.
8. Name the DATABASE and click on the execute so that the database can be created.
9. Then in a similar manner, you can create a table and provide a datatype for the table.

**In a python file, you can do the same with a proper library and some coding.**

1. Write this code in a new .py file

Import mysql.connector

mydb = mysql.connector.connect(

host=”localhost” #replace the host url with original

user=”give\_user\_name”

password=”give\_password”

)

print(mydb)

mycursor=mydb.cursor()

mycursor.execute(“SHOW DATABASES”)

for x in mycursor:

print(x)

1. You have to install mysql otherwise the above library cannot do any work
2. **Creating a table with the help of python**

Make a new file named create\_table.py file

Write code in the file

Import mysql.connector

mydb = mysql.connector.connect(

host=”localhost” #replace the host url with original

user=”give\_user\_name”

password=”give\_password”

)

print(mydb)

mycursor=mydb.cursor()

mycursor.execute(“CREATE DATABASE IF NOT EXISTS TABLE\_NAME”)

mydb.close()

save the above file and run

**for creating table**

**make a new .py file**

Write this code in that new create\_table.py file

Import mysql.connector

mydb = mysql.connector.connect(

host=”localhost” #replace the host url with original

user=”give\_user\_name”

password=”give\_password”

)

print(mydb)

mycursor=mydb.cursor()

mycursor.execute(“CREATE TABLE IF NOT EXISTS TABLE\_NAME(COLUMN\_NAME VARIABLE\_NAME)”)

mydb.close()

**FOR INSERTING DATA INTO COLUMNS**

Make a new insert.py file

Import mysql.connector

mydb = mysql.connector.connect(

host=”localhost” #replace the host url with original

user=”give\_user\_name”

password=”give\_password”

)

print(mydb)

mycursor=mydb.cursor()

mycursor.execute(“insert into table\_name values(give\_values\_in\_each\_columns\_properly)”)

mydb.commit()

mydb.close()

**SHOW DATA FROM PYTHON FILE**

Make a new query.py file

Import mysql.connector

mydb = mysql.connector.connect(

host=”localhost” #replace the host url with original

user=”give\_user\_name”

password=”give\_password”

)

print(mydb)

mycursor=mydb.cursor()

mycursor.execute(“select \* from table\_name”)

for i in mycursor.fetchall():

print(i)

mydb.close()