

```
import mysql.connector
mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root"
)
print(mydb)
dbse = mydb.cursor()
```

```
...
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====
<mysql.connector.connection.MySQLConnection object at 0x000001F5323713D0>
>>>
```

## Create a DataBase

```
import mysql.connector
mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root"
)
dbse = mydb.cursor()
dbse.execute("CREATE DATABASE emp_details")
```

```

import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root"
)

dbse = mydb.cursor()

dbse.execute("SHOW DATABASES")

for entry in dbse:
    print(entry)

```

```

'''
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====
('information_schema',)
('emp_details',)
('hospitaldb',)
('mydatabase',)
('mysql',)
('performance_schema',)
('stdetails',)
('test',)
>>>
'''

```

## Create a Table

```

import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root",
    database="emp_details")

```

```
dbse = mydb.cursor()

dbse.execute("CREATE TABLE employee (Emp_Fname
VARCHAR(255),Emp_Sname VARCHAR(255), Emp_Id
VARCHAR(255),Emp_Salary VARCHAR(255))")
```

## Inserting Values into Table

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root",
    database="emp_details")

dbse = mydb.cursor()

sql = "INSERT INTO employee
(Emp_Fname,Emp_Sname,Emp_Id,Emp_Salary) VALUES (%s, %s,%s,%s)"

val = [
    ('Yogeswathi','Kanuri', '101','40000'),
    ('Ramya','Sri','102','50000'),
    ('Padma','Sree','103','35000'),
    ('Eswari','Sai','104','30000'),
    ('Kusuma','Priya','105','30000')
]

dbse.executemany(sql, val)

mydb.commit()

print(dbse.rowcount, " rows was inserted.")
```

```
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====
5 rows were inserted.
```

## Display the Table

```
import mysql.connector
mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root",
    database="emp_details")
dbse = mydb.cursor()
dbse.execute("SELECT * FROM employee")
myresult = dbse.fetchall()
for x in myresult:
    print(x)
```

```
('Yogeswari', 'Kanuri', '101', '40000')
('Ramya', 'Sri', '102', '50000')
('Padma', 'Sree', '103', '35000')
('Eswari', 'Sai', '104', '30000')
('Kusuma', 'Priya', '105', '30000')
```

```
>>>
```

```
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====
```

## Write a query to get the maximum and minimum salary from employees table

```
import mysql.connector
mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root",
    database="emp_details")
```

```

dbse = mydb.cursor()
print("Max Salary")
dbse.execute("SELECT MAX(Emp_Salary) FROM employee")
print("Min Salary")
dbse.execute("SELECT MIN(Emp_Salary) FROM employee")
myresult = dbse.fetchall()
for x in myresult:
    print(x)

```

```

'''
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====
Max Salary
('50000',)
>>>
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====
Min Saalry
('30000',)
'''

```

**Write a query to get the number of employees working with the company**

```

import mysql.connector

mydb = mysql.connector.connect(

    host="localhost",

    user="root",

    password="root",

    database="emp_details"

)

dbse = mydb.cursor()

dbse.execute("SELECT COUNT(*) FROM employee")

```

```
myresult = dbse.fetchall()
```

```
for x in myresult:
```

```
    print(x)
```

```
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py ==  
(5,)  
>>>
```

**Write a query to get the first 3 characters of first name from employees table**

```
import mysql.connector
```

```
mydb = mysql.connector.connect(
```

```
    host="localhost",
```

```
    user="root",
```

```
    password="root",
```

```
    database="emp_details")
```

```
dbse = mydb.cursor()
```

```
dbse.execute("SELECT SUBSTRING(Emp_Fname,1,3) FROM employee")
```

```
myresult = dbse.fetchall()
```

```
for x in myresult:
```

```
    print(x)
```

```
===== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-20.py =====  
( 'Yog' , )  
( 'Ram' , )  
( 'Pad' , )  
( 'Esw' , )  
( 'Kus' , )
```