***Day 20 task***

### Create an Employee Table with employee name,employee ID & Salary

**import** **mysql.connector**

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="1234",

)

mycursor = mydb.cursor()

print(mydb)

Output:-

<mysql.connector.connection\_cext.CMySQLConnection object at 0x0000028960677160>

dbse = mydb.cursor()

dbse.execute("CREATE DATABASE Employee\_Mangement")

dbse = mydb.cursor()

dbse.execute("SHOW DATABASES")

**for** entry **in** dbse:

print(entry)

Output:-

('doctor',)

('doctors1',)

('employee\_mangement',)

('grocerystore',)

('information\_schema',)

('mydatabase',)

('mysql',)

('performance\_schema',)

('sakila',)

('students\_management\_system',)

('sys',)

('world',)

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="5678",

database="employee\_mangement"

)

dbse = mydb.cursor()

dbse.execute("CREATE TABLE Employee (emp\_id INT , EMP\_NAME VARCHAR(255),EMP\_SALARY DOUBLE )")

dbse = mydb.cursor()

dbse.execute("SHOW TABLES")

**for** value **in** dbse:

print(value)

Output:-

('employee',)

dbse = mydb.cursor()

dbse.execute("SHOW COLUMNS FROM employee")

**for** value **in** dbse:

print(value)

Output:-

('emp\_id', b'int', 'YES', '', None, '')

('EMP\_NAME', b'varchar(255)', 'YES', '', None, '')

('EMP\_SALARY', b'double', 'YES', '', None, '')

dbse = mydb.cursor()

sql = "INSERT INTO employee (emp\_id , EMP\_NAME , EMP\_SALARY) VALUES (**%s**,**%s**,**%s**)"

val = [

('1','SARA','10000.0'),

('2','ramesh','15000.0'),

('3','mehul','70800.0'),

('4','mehta','80000.0'),

('5','jayesh','89000.0'),

('6','kamlesh','50000.0'),

]

dbse.executemany(sql, val)

mydb.commit()

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

Output:-

6 was inserted

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

mycursor = mydb.cursor()

mycursor.execute("SELECT EMP\_NAME,EMP\_SALARY FROM employee where EMP\_SALARY = (select max(EMP\_SALARY) from employee)")

myresult = mycursor.fetchall()

**for** x **in** myresult:

print(x)

Output:-

('Jayesh', 89000.0)

mycursor = mydb.cursor()

mycursor.execute("SELECT EMP\_NAME,EMP\_SALARY FROM employee where EMP\_SALARY = (select min(EMP\_SALARY) from employee)")

myresult = mycursor.fetchall()

**for** x **in** myresult:

print(x)

Output:-

('SARA', 10000.0)

### b. Write a query to get the number of employees working with the company

mycursor = mydb.cursor()

mycursor.execute("SELECT COUNT(\*) from employee")

myresult = mycursor.fetchall()

**for** x **in** myresult:

print(x)

Output:-

(15,)

### c. Write a query to get the first 3 characters of first name from employees table

mycursor = mydb.cursor()

mycursor.execute("SELECT \* from employee WHERE EMP\_NAME LIKE('ANU%')")

myresult = mycursor.fetchall()

**for** x **in** myresult:

print(x)

Output:-

(3, 'mehul', 70800.0)

(4, 'mehta', 80000.0)