Task – 20

```
import mysql.connector

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

dbse = mydb.cursor()
dbse.execute("CREATE DATABASE employee_mangement")

dbse = mydb.cursor()

dbse.execute("SHOW DATABASES")

for entry in dbse:
    print(entry)
```

Output: -

```
('employee_mangement',)
('students_details',)
```

```
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="hello",
  database="employee_mangement"
)
dbse = mydb.cursor()

dbse.execute("CREATE TABLE Employee (emp_id INT , EMP_NAME VARCHAR(255)
,EMP_SALARY DOUBLE )")
dbse.execute("SHOW TABLES")

for value in dbse:
  print(value)
```

Output: -

```
('employee',)
```

```
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, '')
```

```
sql = "INSERT INTO employee (emp_id , EMP_NAME , EMP_SALARY) VALUES (%s,
%s,%s)"
val = [
    ('1','SARA','10000.0'),
    ('2','ANU','15000.0'),
    ('3','PRIYA','70800.0'),
    ('4','VIBAV','80000.0'),
    ('5','ANURAG','89000.0'),
    ('6','KUHU','50000.0'),
    ('7','KUNAL','56000.0'),
    ('8','ABIR','47000.0'),
    ('9','MAYA','26000.0'),
    ('10','RANA','15000.0'),
    ('11','LAKSHANYA','50500.0'),
    ('12','PRERNA','40500.0'),
    ('13','MISTI','25000.0'),
    ('14','POOJA','20500.0'),
    ('15','ARJUN','100600.0')
]
dbse.executemany(sql, val)
mydb.commit()
print(dbse.rowcount, "items were inserted.")
```

Output: -

```
15 items were 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 EM
P_SALARY = (select max(EMP_SALARY) from employee)")
myresult = mycursor.fetchall()

for x in myresult:
    print(x)
```

Output: -

```
('ARJUN', 100600.0)
```

```
mycursor.execute("SELECT EMP_NAME,EMP_SALARY FROM employee where EM
P_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.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.execute("SELECT * from employee WHERE EMP_NAME LIKE('ANU%')")
myresult = mycursor.fetchall()

for x in myresult:
  print(x)
```

Output: -

```
(2, 'ANU', 15000.0)
(5, 'ANURAG', 89000.0)
```