

```
In [1]: import mysql.connector
```

```
In [3]: mydb = mysql.connector.connect(
        host="localhost",
        user="root",
        password="root123"
    )
    mycursor = mydb.cursor()

    mycursor.execute("CREATE DATABASE placement_office")
```

```
In [6]: import mysql.connector

    mydb = mysql.connector.connect(
        host="localhost",
        user="root",
        password="root123",
        database="placement_office"
    )

    mycursor = mydb.cursor()

    mycursor.execute("CREATE TABLE customers (name VARCHAR(255), address VARCHAR(255))")
```

```
In [7]: import mysql.connector

    mydb = mysql.connector.connect(
        host="localhost",
        user="root",
        password="root123",
        database="placement_office"
    )

    mycursor = mydb.cursor()

    mycursor.execute("CREATE TABLE students (name VARCHAR(255), address VARCHAR(255))")
```

```
In [8]: import mysql.connector

    mydb = mysql.connector.connect(
        host="localhost",
        user="root",
        password="root123",
        database="placement_office"
    )

    mycursor = mydb.cursor()

    sql = "INSERT INTO customers (name, address) VALUES (%s, %s)"
    val = ("John", "Highway 21")
    mycursor.execute(sql, val)

    mydb.commit()

    print(mycursor.rowcount, "record inserted.")
```

1 record inserted.

In [9]:

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root123",
    database="mydb"
)

mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM company")

myresult = mycursor.fetchall()

for x in myresult:
    print(x)

(2310, 'BAJ', 'IT', 11, 112, 112, 11, 2310)
(2311, 'YESB', 'BANK', 12, 113, 113, 12, 2311)
```

In [11]:

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root123",
    database="mydb"
)

mycursor = mydb.cursor()

sql = "UPDATE company SET companyname = 'BAJAJ' WHERE companyid = '2310'"

mycursor.execute(sql)

mydb.commit()

print(mycursor.rowcount, "record(s) affected")
```

1 record(s) affected

In [12]:

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root123",
    database="mydb"
)

mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM company")

myresult = mycursor.fetchall()

for x in myresult:
    print(x)

(2310, 'BAJAJ', 'IT', 11, 112, 112, 11, 2310)
```

(2311, 'YESB', 'BANK', 12, 113, 113, 12, 2311)

In [13]:

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root123",
    database="mydb"
)

mycursor = mydb.cursor()

mycursor.execute("SELECT companyname, skillid*2 AS total FROM company;")

myresult = mycursor.fetchall()

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

('BAJAJ', 224)

('YESB', 226)

In [ ]: