In [1]:
```
import pandas as pd
pd.read_excel('SDB.xlsx')
```

Out[1]:

| | Student Name | Class | Section | Roll_no | CGPA |
|---|---|---|---|---|---|
| **0** | Akash | 12 | A | 13 | 9.3 |
| **1** | Ram | 11 | C | 20 | 8.5 |
| **2** | Ragav | 12 | B | 21 | 8.9 |
| **3** | Gautham | 10 | A | 7 | 7.8 |
| **4** | Abu | 11 | D | 1 | 8.3 |
| **5** | Danny | 11 | A | 5 | 9.0 |
| **6** | Qureshi | 10 | B | 3 | 8.8 |
| **7** | Subiksha | 12 | A | 31 | 8.5 |
| **8** | Feroz | 11 | B | 27 | 7.9 |
| **9** | Ramya | 12 | E | 35 | 9.6 |

In [2]:
```
import mysql.connector

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

mycursor = mydb.cursor()
print(mydb
```

```
<mysql.connector.connection.MySQLConnection object at 0x000001E7265AC970>
```

In [25]:
```
dbse = mydb.cursor()

dbse.execute("CREATE DATABASE Students_Management_Systems")
```

In [6]:
```
mydb = mysql.connector.connect(
  host="localhost",
 user="root",
  password="Manobala@30",
  database="students_management_system"
)
dbse = mydb.cursor()

dbse.execute("CREATE TABLE student (Student VARCHAR(250),Class INT(10),Section VARCHAR(10), Roll_no INT(25), CGPA INT(35))")
```

In [7]:
```
dbse = mydb.cursor()

dbse.execute("SHOW TABLES")

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

```
('student',)
```

In [9]:
```
cur = mydb.cursor()
cur.execute('SELECT * FROM student')
for row in cur:
    print(row)
```

In [10]:
```
import pandas as pd

df = pd.read_excel('SDB.xlsx')
```

In [15]:
```
import xlrd
import MySQLdb
xl_sheet = xlrd.open_workbook("SDB.xls")
xl_sheet
```

Out[15]:
```
<xlrd.book.Book at 0x1e72660ab20>
```

In [16]:
```
sheet_name =xl_sheet.sheet_names()
sheet_name
```

Out[16]:
```
['Sheet1']
```

In [19]:
```
mydb = mysql.connector.connect(
  host="localhost",
 user="root",
  password="Manobala@30",
  database="students_management_system"
)

cur = mydb.cursor()
for s in range(0,1):
    sheet=xl_sheet.sheet_by_index(s)
    sql= "INSERT INTO student(Student, Class, Section, Roll_no , CGPA ) VALUES(%s,%s,%s,%s,%s)"
    for r in range(1,sheet.nrows):
        Student =sheet.cell(r,0).value
        Class =sheet.cell(r,1).value
        Section =sheet.cell(r,2).value
        Roll_no=sheet.cell(r,3).value
        CGPA =sheet.cell(r,4).value

        values =(Student, Class, Section, Roll_no , CGPA )

        cur.execute(sql,values)
mydb.commit()
```

In [21]:
```
mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM student")

myresult = mycursor.fetchall()

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

```
('Akash', 12, 'A', 13, 9)
('Ram', 11, 'C', 20, 9)
('Ragav', 12, 'B', 21, 9)
('Gautham', 10, 'A', 7, 8)
('Abu', 11, 'D', 1, 8)
('Danny', 11, 'A', 5, 9)
('Qureshi', 10, 'B', 3, 9)
('Subiksha', 12, 'A', 31, 9)
('Feroz', 11, 'B', 27, 8)
('Ramya', 12, 'E', 35, 10)
```

In [24]:
```
mycursor = mydb.cursor()

mycursor.execute("SELECT Student FROM student WHERE CGPA >8")

myresult = mycursor.fetchall()

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

```
('Akash',)
('Ram',)
('Ragav',)
('Danny',)
('Qureshi',)
('Subiksha',)
('Ramya',)
```