In [23]:

```
import openpyxl
```

In [24]:

```
path = "students.xlsx"
wb_obj = openpyxl.load_workbook(path)
sheet_obj = wb_obj.active
cell_obj = sheet_obj.cell(row = 2, column = 2)
print(cell_obj.value)
```

```
Nithish
```

In [25]:

```
for i in range(1,11):
    cell_obj = sheet_obj.cell(row = 5, column = i)
    print(cell_obj.value)
```

```
4
Ezhil
ece
9854575612
77
90
=AVERAGE(E5:F5)
None
None
None
```

In [26]:

```
import mysql.connector

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

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

```
<mysql.connector.connection_cext.CMySQLConnection object at 0x000001EAB3C54670>
```

In [55]:

```
#dbse = mydb.cursor()

#dbse.execute("CREATE DATABASE Students_Management_System1")
print("Students_Management_System1 Already Created")
```

```
Students_Management_System1 Already Created
```

In [28]:

```
dbse = mydb.cursor()

dbse.execute("SHOW DATABASES")

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

```
('bestenlist',)
('covid',)
('doctor',)
('information_schema',)
('mysql',)
```

```
('performance_schema',)
('sakila',)
('sales',)
('students_management_system',)
('students_management_system1',)
('sys',)
('world',)
```

In [50]:

```
mydb = mysql.connector.connect(
  host="localhost",
 user="root",
  password="root",
  database="students_management_system1"
)
dbse = mydb.cursor()

dbse.execute("CREATE TABLE studentdata_3(rno VARCHAR(10),name VARCHAR(255),department VAR
CHAR(255) ,contact_no VARCHAR(255),sem1_marks VARCHAR(255),sem2_marks VARCHAR(255),averag
e VARCHAR(255))")
```

In [39]:

```
mydb = mysql.connector.connect(
  host="localhost",
 user="root",
  password="root",
  database="students_management_system1"
)
dbse = mydb.cursor()

dbse.execute("SHOW TABLES")

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

```
('studentdata_1',)
('studentdata_2',)
```

In [40]:

```
mydb = mysql.connector.connect(
  host="localhost",
 user="root",
  password="root",
  database="students_management_system1"
)
cur = mydb.cursor()
cur.execute('SELECT * FROM studentdata_1')
for row in cur:
    print(row)
```

In [41]:

```
import pandas as pd

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

In [43]:

```
import xlrd
```

In [44]:

```
xl_sheet = xlrd.open_workbook("students.xlsx")
xl_sheet
```

Out[44]:

```
<xlrd.book.Book at 0x1eab3c54400>
```

In [45]:

```
sheet_name =xl_sheet.sheet_names()
sheet_name
```

Out[45]:

```
['studentdata']
```

In [51]:

```
mydb = mysql.connector.connect(
  host="localhost",
 user="root",
  password="root",
  database="students_management_system1"
)

cur = mydb.cursor()
for s in range(0,1):
    sheet=xl_sheet.sheet_by_index(s)
    sql= "INSERT INTO studentdata_3(rno,name,department,contact_no,sem1_marks,sem2_marks,
average) VALUES(%s,%s,%s,%s,%s,%s,%s)"
    for r in range(1,sheet.nrows):
        rno =sheet.cell(r,0).value
        name =sheet.cell(r,1).value
        department =sheet.cell(r,2).value
        contact_no =sheet.cell(r,3).value
        sem1_marks=sheet.cell(r,4).value
        sem2_marks=sheet.cell(r,5).value
        average =sheet.cell(r,6).value
        values =(rno,name,department,contact_no,sem1_marks,sem2_marks,average)
        cur.execute(sql,values)
mydb.commit()
```

In [53]:

```
mycursor = mydb.cursor()

mycursor.execute("SELECT * FROM studentdata_3")

myresult = mycursor.fetchall()

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

```
('1.0', 'Nithish', 'cse', '7845962156.0', '74.0', '78.0', '76.0')
('2.0', 'Kumar', 'cse', '8456214562.0', '74.0', '88.0', '81.0')
('3.0', 'Kavin', 'ece', '7548621490.0', '76.0', '81.0', '78.5')
('4.0', 'Ezhil', 'ece', '9854575612.0', '77.0', '90.0', '83.5')
('5.0', 'Babu', 'it', '9876541230.0', '74.0', '77.0', '75.5')
```

In [54]:

```
mydb.commit()

mydb.close()
#End of data base
```

In [ ]:

```

```

In [ ]:

```

```