```
import openpyxl
my_path = "C:\\Users\\YOGESWARI\\OneDrive\\Desktop\\StdDetails.xlsx"
my_wb_obj = openpyxl.load_workbook(my_path)
my_sheet_obj = my_wb_obj.active
my_cell_obj = my_sheet_obj.cell(row = 2, column = 2)
print(my_cell_obj.value)
```

```
...
============ RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.py ==========
Yogeswari
>>>
```

Display Column names:

```
import openpyxl
my_path = "C:\\Users\\YOGESWARI\\OneDrive\\Desktop\\StdDetails.xlsx"
my_wb_obj = openpyxl.load_workbook(my_path)
my_sheet_obj = my_wb_obj.active
my_max_col = my_sheet_obj.max_column
for i in range(1, my_max_col + 1):
  my_cell_obj = my_sheet_obj.cell(row = 1, column = i)
  print(my_cell_obj.value)
```

```
============ RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.py ==========
Std_Id
Std_Name
Dept
Percentage
None
>>>
```

Particular row data

```
import openpyxl
my_path = "C:\\Users\\YOGESWARI\\OneDrive\\Desktop\\StdDetails.xlsx"
my_wb_obj = openpyxl.load_workbook(my_path)
my_sheet_obj = my_wb_obj.active
my_max_col = my_sheet_obj.max_column
for i in range(1, my_max_col + 1):
   cell_obj = my_sheet_obj.cell(row = 2, column = i)
   print(cell_obj.value, end = " ")
```

```
============ RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.py
101 Yogeswari CSE 81 None
>>>
```

Total rows

```
import openpyxl
my_path = "C:\\Users\\YOGESWARI\\OneDrive\\Desktop\\StdDetails.xlsx"
my_wb_obj = openpyxl.load_workbook(my_path)
my_sheet_obj = my_wb_obj.active
print(my_sheet_obj.max_row)
```

```
>>>
========== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.p
6
>>>
========== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.p
```

Total Column

```
import openpyxl
my_path = "C:\\Users\\YOGESWARI\\OneDrive\\Desktop\\StdDetails.xlsx"
my_wb_obj = openpyxl.load_workbook(my_path)
my_sheet_obj = my_wb_obj.active
print(my_sheet_obj.max_column)
```

```
>>>
========== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.py
4
>>>
```

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

```
>>>
============ RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.py ===========
<mysql.connector.connection.MySQLConnection object at 0x000001E2AF2313D0>
>>>
```

Create a database

```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root"
)
dbse = mydb.cursor()
dbse.execute("CREATE DATABASE stddetails")
```

Show Database

```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root"
)
dbse = mydb.cursor()
dbse.execute("SHOW DATABASES")
for entry in dbse:
  print(entry)
```

```
========== RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-19.py ==========
('information_schema',)
('hospitaldb',)
('mydatabase',)
('mysql',)
('performance_schema',)
('stddetails',)
('test',)
>>>
```

Create a Table

```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root",
    database="stddetails"
)
dbse = mydb.cursor()
cur=mydb.cursor()
dbse.execute("CREATE TABLE studentdata(id VARCHAR(255),name VARCHAR(255),dept VARCHAR(255), percent VARCHAR(255))")
for i in cur:
    print(i)
```

Importing pandas,xlrd

```
import pandas as pd
df=pd.read_excel("StdDetails.xlsx")
```

```
import xlrd
xl_sheet=xlrd.open_workbook("StdDetails.xlsx")
print(xl_sheet)
```

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

```
<xlrd.book.Book object at 0x0000013EDB49A5B0>
['Sheet1']
```

- Create an Excel with data of Student database and add all the values which is required for student management database, Read the excel file and add the datas into a DB (using script)

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

```
dbse = mydb.cursor()
for i in range(0,1):
    sheet=xl_sheet.sheet_by_index(s)
    sql="INSERT INTO stddetails(Std_Id,Std_Name,Dept,Percentage)
VALUES(%s,%s,%s,%s)"
    for s in range(1,sheet.nrows):
        Std_Id=sheet.cell(s,0).value
        Std_Name=sheet.cell(s,1).value
        Dept=sheet.cell(s,2).value
        Percentage=sheet.cell(s,3).value
        values=(Std_Id,Std_Name,Dept,Percentage)
        cur.execute(sql,values)
mydb.commit()


mycursor=mydb.cursor()
mycursor.execute("SELECT * FROM stddetails")
myresult=mycursor.fetchall()
for x in myresult:
    print(x)
```

```
('101.0', 'Yogeswari', 'CSE', '81.0')
('102.0', 'DEF', 'IT', '67.0')
('103.0', 'GHI', 'CSE', '72.0')
('104.0', 'JKL', 'CSE', '80.0')
('105.0', 'MNO', 'IT', '78.0')
```