

6-4-23.

Advance

File handling:

- It is a phenomenon of performing the functionalities inside the file system (such as creation, deletion, retrieval, updating data and managing).
 - In this concept we are going to work with the type of files called flat files [text files, and binary text file]
 - flat files are the basic file types which support only 2 operations.
 1. Inserting the data
 2. Retrieving the data.
 - Stream is a channel that is created between the Python program and file for the data transaction.
to create a stream, we have 1 way.
 1. By using open function.
- `open(filepath-with-extension, mode):` This is a function used to create a stream for the communication with a file from

a Python program and creating the file pointer and opening the file. after that it returns the file pointer address.

Syntax : `fopen = open(filePath - with - extension, mode)`

Example :

`fopen = open ('c:/users/desktop/file1.txt', mode) → System understandable Path.`

`fopen = open ('C:\\users\\desktop\\file1.txt', mode) → System understandable Path.`

`fopen = open ('C:\\users\\desktop\\file1.txt', mode) → user understandable Path.`

→ Open function returns the address of the Channel and variable 'fopen' holds that address, it is called as 'file object'.

`close()`: close the file and delete
the file pointer address.

Syntax:

`fopen.close()`

`fopen` : is nothing but file
pointer object name.

→ In the file handling concept, we are given the permissions or restrictions to that file. This type of concept we call it as file modes.

→ The modes are divided into three types :

Modes : ① read ② write ③ append

read:

Modes : -r' (flat file) and
-rb' (binary file)

Advances Modes:-

-r+/-r+ (read and write flat file)
(append)

-rbt/-rbt (read and write binary file)
(append)

Read functions :-

read (no of characters) : this is a function used to read entire content or the specified number of characters from the file. If in case, we are not defined the number of characters then it reads each and every character from the file.

Syntax :

Var = fopen.read (character count)

Character should be integer

Var = fopen.read ()

Where : No of characters or character count is optional

fopen is nothing but it will store open file pointer object addresses.

example :

fp = open ("C:\users\.....", "r")

res = fp.read()

Print (res)

fp.close()

WAP to count the number of times given string is occurred from selected text file.

```
fp = open(r"C:\....", "r")
```

```
res = fp.read()
```

```
print(res)
```

```
l = res.split()
```

```
print(l)
```

```
count = 0
```

```
start = 0
```

```
end = len(l)
```

```
while start < end:
```

```
    if "language" == l[start]:
```

```
        count += 1
```

```
print(count)
```

```
fp.close().
```

WAP to count the number of times given string is occurred from selected text file.

```
fp = open(r"C:\....", "r")
```

```
res = fp.read()
```

```
l = res.split().count('language')
```

Print (1)

fp. close ()

8-4-23.

WAP that reads a file and searches for a given string, displaying all the lines from the ~~file~~ file that contains that string.

fp = open ('filepath', 'r')

res = fp.read()

l = res.split ('\n')

n = eval (input ("enter the value: "))

start = 0

while start < len (l):

 if n in l [start]:

 print (l [start])

 start += 1.

wap

```
fp = open('file path', 'w')
```

```
data = "... . - - - -"
```

```
fp.write(data)
```

```
fp.close()
```

readline(): this function is going to
read the first line of the file.

```
var = fopen.readline(character count)
```

→ starting file pointer to specific
character position

```
var = fopen.readline()
```

→ start file pointer to end of
the line.

readlines(): this function reads all the
lines of data in the form of list

```
var = fopen.readlines()
```

→ each and every line is considered
as an element in the list.

write mode :- open the file in the
write mode. If we perform a write

operation, old data is overridden.
to new data.

Modes : '-W' (flat file) and
'wb' (binary file)

Advances modes : 'wt' (write and
read flat file) and 'wbt'
(write and read binary file)

Write functions :

write(): this a function used
to write the string data into the
file.

writelines(): this function is used
to write a list of strings.

Note: In writelines we should pass
values in list format.

append mode: this is kind of write
mode but it will not create a new
file every time instead, it will
add the new content to the

existing in that file.

Modes : 'a' (flat file) and
'ab' (binary file).

advances modes : 'a+' (appends and
read flat file) and 'ab+' (appends
and read binary file).

tell() : we can use the tell() function
to return the current position
of the cursor (file pointer) from the
beginning of the file.

seek() : we can use seek() function
to move the cursor (file pointer) to
a specified location.

'r' → open an existing file for read
operation. the file pointer is
positioned at the beginning of the
file. If the specified file does
not exist, then we will get file
not found error. This is default
mode.

'w' → open an existing file for write operation. If the file already contains some data, then it will be overridden. If the specified file is not available, then this mode is to create a new file and whatever we are given the name of the file in file path it takes the same name and creates it.

'w+' → open an existing file for read and append operation into the file. The previous data in the file will not be deleted.

'wt' → to write the data and read the data. It will override existing data.

'a' → open an existing file for write operation. It won't override existing data. It is writing the new data in the file (append data). If the specified file is not available, then this mode is to create a new file.

at -> to write the data and not ~~read~~
the data. It will not override
existing data. To append the new
data in the file.

example :

() busx.9t = 288

```
fp = open('file path', 'r+')
res = fp.read()
print(res)
fp.write("ideapad 3 slim 3(15) 2020")
fp.seek(60)
res = fp.read()
print(res)
fp.write("\n,-----()")
fp.seek(0)
res = fp.read()
print(res)
fp.close()
```

() busx.9t = 288

(288) string

(87) .9t

(08 * ' -) string

print(res)

Most strings will sat b19990 #

fp.write("ideapad 3 slim 3(15) 2020")

fp.seek(60)
res = fp.read()
print(res)

"2020" string

(2020) string

(08 * ' -) string

fp.write("\n,-----()")
fp.seek(0)

res = fp.read()
print(res)

"-----() string

(08 * ' -) string

fp.write("\n,-----()")
fp.seek(0)

res = fp.read()
print(res)

"-----() string

(08 * ' -) string

fp.close()

(288) string

() 92012.9t

11-4-23

read the content from the existing file.

```
fp = open ("r" "C:\users\ ", 'r')
res = fp.read()
print (res)
fp.close()
print ('-' * 30)
```

append the new content from the existing file & save it

```
fp = open ("w" "demo.txt", 'a')
data = "Hi friends
Bye friends"
fp.write (data)
fp.close()
```

read the updated content from the file

```
print ('-' * 30)
fp = open ("r" "demo.txt", 'r')
res = fp.read()
print (res)
fp.close()
```

```

# append with read the content from
the file.

fp = open(r"detox.txt", "at")    # 990 = 99

fp.seek(0)                      # base.99 = 257

res = fp.read()                 # (258) + n+9

print(res)                      # 9201.99

data = " . . . "                # : 9194000

fp.write(data)                  # 990 = 99

print("-" * 40)                 # 9194000 = 9194000

fp.seek(0)                      # 9194000 = 9194000

temp = fp.read()                # (9194000) at 9194000 - 99

print(temp)                     # (9201) .99

fp.close()                      # 9194000 = 9194000

example :- read with append
# the file set to print

fp = open(r"filename", "at")    # 9194000 = 9194000

res = fp.read()                 # 9194000 = 9194000

print(res)                      # 9194000 = 9194000

fp.close()                      # 9194000 = 9194000

# automatically cursor is present in
starting of the file. print the
Content (index value = 0 & * "-" ) + n+9

print("-" * 30)

```

append with read

```
fp = open ("filename", "r+")
res = fp.read()
print(res)
```

(0) 332 .99
() bytes .99 = 296

```
fp.close()
```

example :-

```
fp = open ("filename", "r+")
data = " Java "
```

(0) 332 .99
data = " Java "

```
fp.write(data)
fp.close()
```

(948) 2999

automatically cursor is present in
Starting of the file Content

```
(IndexValue = 0)
```

here initially we are performing the
append operation, then starting position
to of the content is considered

to length of the content position
remaining content is same.

```
print(" " * 30)
```

(0E + " ") 2999

`f P = open("filename", "at")`, then

`data = "Java" with file`

`f P. write(data) to file`

`f P. close()`

automatically cursor is present in end
of the file content. (Index value
 $\Rightarrow \text{len}(\text{content}) + \text{no of fp} = \text{end}$)

Here, the new content is appended at
the end of file content.

example :-

`fp = open("filename", "at")` #

`res = fp.read()` #

`print(res)` the result is not no #

`data = "Java"` #

`fp.write(data)` #

`fp.close()` #

automatically cursor is present
at starting of the file content
(Index value $\Rightarrow 0$) #

Here, initially we are performing on
read operation then the cursor is
moved to end of the content after
writing new content.

that, we are performing the file append operation. so the new content is append end of the existing file content.

() 32013 .99

```
# open file in write mode #  
# cursor at start of file. so if we try to  
data = " Python Was Running" +=  
fp.write(data) now we are at , 38H  
fp.seek(0) shift to bne set  
res = fp.read() : 319H  
print(res) == " Python" [ ] == 99  
fp.close() < 3b013 .99  
# automatically cursor at (index value  
= 0)
```

here, perform write operation but
entire existing content is override
to new content. () 32013 .99

```
# cursor at end of content.  
# read operation can't perform due to  
no content at file. ( ) 32013 .99  
# to get entire file we have to seek. #  
# by seek we go specific location from current  
position, next we perform read operation  
return entire file content.
```

13-04-2023

```
fp = open(r"C:\users\dell\","r")
# res = fp.read() # it will fetch
the entire data from the file.
# res1 = fp.read(15) # it will fetch
specified no of characters from the
file.
# res2 = fp.readline() # it will fetch
first line from the file.
# res2 = fp.readline(15): # it will fetch
specified no of character in first
line, from the file.
res2 = fp.readlines()
# it will fetch the all the lines
from the file in the form of list
format, each line it consider as
one data-item.
print(res2)
program:-
```

() zanibagchi.99 = 234

```
fp = open(r"filepath(\zanibagchi)","r")
res2 = fp.readlines()
```

extract the specific line from

the file by using readlines function
with indexing concept.

```
print(res2[2])
```

extract the specific lines from
the file by using readlines
function with slicing concept.

```
print(res2[0:5])
```

```
fp.close()
```

write functions :

```
fp = open("filepath", "w")
```

```
data = " . . ."
```

```
fp.write(data) # only the write the  
content inside the  
file.
```

write function will accept only string data.

```
fp = open("filepath", "w")
```

```
res = fp.readlines()
```

```
print(len(res))
```

```
(len(res))
```

writelines function :-

- : answerg

fp = open('filepath', 'w') to store
fp.writelines(['Python', 'Java', 'C', 'Django'])
below file sat b/w print statement
below 'Java' & 'C' is 'language', 'Django' is 'frame work'
fp.writelines(['Python', 'Java', 'C', 'Django'])
fp.writelines(['Python', 'Java', 'C', 'Django'])
fp.writelines(['Python', 'Java', 'C', 'Django'])
only the write the content inside
the file .(in the form of either
single line or multiline)
fp.writelines(['Python', 'Java', 'C', 'Django'])
writelines function
file will accept only list
Collection of data types
patterns of list are most useful
fp.close()

Program :-

Write a program that reads a file and searches for a given word, and writes the new file and the old word is replaced with another given word.

(Manipulate the file). } zanilatru.9f #

```
fp = open ("filepath", "r") zanilatru.9f #
(r = fp.read())
```

```
r = r.replace("python", "java")
print(r)
```

```
fp.close()
fp = open ("filepath", "w")
```

```
fp.write(r)
fp.close()
```

Program :- (Manipulation of files) #

Write a program to read a file
writes the lines from 5th to 10th
lines from input file into another
file.

`fp = open(r"filepath", "r")` () 9201 99

`res = fp.readlines()` () 9301 99 196

() $\Rightarrow res[5:10 + \underline{res}]$ 3nd row = b10

() `fp.close()` at `res[5:10 + res]` > w3n
, o = b10 fi

`fp.open(r"newfilepath", "w")`

`fp.writelines(r)` () 9401 99 9101

`fp.close()` () 9401 99 9101

() $\Rightarrow res[5:10 + res]$ 1st row = 1

15-04-23.

Program :- (Manipulation inside a file)

`fp = open(r"filepath", "at")`

`data = ["\n RAMU is Model\n", "RAMU is a super model\n", "RAMU is a bad boy\n", "RAMU is extra mode"]`

`fp.writelines(data)`

`fp.seek(0)`

`res = fp.read()`

print(res) () 9401 99 9101 99

`fp.seek(0)` () 9401 99 9101 99

`res1 = fp.readlines()`

print(res1)

() 9401 99 9101 99

() 9401 99 9101 99

() 9401 99 9101 99

() 9401 99 9101 99

```
fp.close()("r", "write") n990 = 92  
def replace(coll, start=0, end=0):  
    old = input("enter the old word:")
```

```
    new = input("enter the new word:")  
    if end == 0:
```

```
(end = len(coll)) fp.write("r") n990.97
```

```
while start < end + 1: validation.98
```

```
    print(start)
```

```
    l = coll[start].split()
```

```
i = 0
```

```
(i < len(l) - 1): n990.99
```

```
(i + 1 < len(l)) if i == 0 else:
```

```
    UMAP["\n"] = 1 if i == 0 else:
```

```
    UMAP["\n"] = 1 if i == 0 else:
```

```
[start] = new
```

```
Start += 1
```

```
return coll
```

```
fp = open('filepath', 'w+')(28) string #
```

```
fp.writelines(replace(res, 3, 8)) n992.97
```

```
fp.seek(0)
```

```
res = fp.read()
```

```
print(res)
```

```
fp.close()
```

Program :- (Q) 7332 . 99
 fp = open("filepath", "a+")
 data = ["rahu is model\n", "rahu is a
 Super model rahu is a bad boy\n",
 "rahu is extra model"]
 fp.writelines(data)
 fp.seek(0) + 23078 of printfile 319
 res = fp.read()
 fp.close()
 res = res.replace("rahu", "siva") + 12099
 fp = open("filepath", "w+")
 fp.write(res)
 fp.close()

Program :- (Q) 9201 . 98

fp = open("filepath", "wt+")
 data = ["rahu is model\n", "rahu is a
 Super Model rahu is a bad boy\n",
 "rahu is extra model"]
 fp.writelines(data)
 fp.seek(0)
 res = fp.read()

fp.seek(0)

res1 = res.replace('data1', 'live')

fp.write(res1)

if not in fp.read(): [not in writer]

fp.close()

18-4-23. [insert with in writer]

file handling to extract CSV file

Content.

Program :

import CSV

fp = open('filepath', 'r')

res = fp.reader(fp)

print(res)

fp.close()

By using file handling to extract

CSV in file with specification about column separator

with open('filepath', 'r') as fp:

res = fp.readlines()

(0) 1332 99

(1) 608 99 = 608

```
for i in res:
    l = i.split(',')
    print(l[0], l[1], l[2])
```

CSV file handling: how can we handle CSV files.

Reading the contents from the CSV file using CSV module (using file)

→ if we want to use CSV module, first we have to import the CSV module from below syntax:

```
import CSV
with open('file.csv', 'r') as fp:
    fr = CSV.reader(fp)
    res = next(fr)
```

→ Before performing any operation, first open the CSV file by using open function with 'with sheetname' and by using alias name.

Syntax: with open('file.csv', 'r') as res:

with open(csv file path, operation mode) as alias name or variable name,

~~(Edit, Edit, Edit)~~ with
→ Read the content
→ Write the content.
Content block.

→ if we use with: method we don't want to close the file dynamically it will only save the content and close the file.

→ We can perform read the content or write the content.

→ if we want to perform read the content from CSV file by using CSV module, we have to use function called 'reader'.

→ The reader function it will take the content from CSV file and generates and return the reader object address.

Syntax: `file pointer object`
`CSV`
`CSV.reader(file pointer address)`
`pointer, then object` doing
(about)
to stop with an
exception

Program :-

- 910

import CSV

[with open('filePath', 'r') as fp]

fr = CSV.reader(fp)

for i in fr:

print(i) # printing all rows of 9AW

Now print row 4 of 9AW file
Sales.csv

Name	age	date	item	item type	price	Total price
------	-----	------	------	-----------	-------	-------------

Sunil	20	28-06-2020	jeans	Casual wear	90	900
-------	----	------------	-------	-------------	----	-----

Naga	28	(4)	reback v2	= 84	11
------	----	-----	-----------	------	----

Ganesh	28	17-4-2020	tshirt	11	400	600
--------	----	-----------	--------	----	-----	-----

WAP to extract the specific row details from given CSV file.

import CSV

with open('filePath', 'r') as fp:

fr = CSV.reader(fp)

line - row = 0

for i in fr:

if line - row == 5:

print(i) # 5th

line - row += 1

O/P:-

: phospx

[-'Ganesh'(V26), 1167-04-2920, 'Tshirts'
'Sehi forte(4), 4005, 2800]

WAP to extract the specific person
details by using person name from the
CSV file.

V27. 29/02

```
import csv
import CSV
with open('filepath', 'r') as fp:
    fr = CSV.reader(fp)
    for i in fr:
        if i[0].upper() == 'Kumar':
            print(i)
```

WAP to display the total purchase
of specific person by using person name.

```
import CSV
with open('filepath', 'r') as fp:
    fr = CSV.reader(fp)
    sum1 = 0
    for i in fr:
```

for i in range(1, len(data)): total += float(data[i][2])
o = 1 + n

if i[0].upper() == "KUHAR":
 print(i[2])

(i[0], i[1].upper()):
 print(i[2])

print("Subtotal = " + str(subtotal))
 subtotal += float(i[2])
 n += 1

WAP to display the string (of type str)
with total purchase of date by
person by using person name:

import CSV to reading CSV file of RAW.
fp = open(filepath, mode) of RAW.

fr = CSV.reader(fp): append, loop

Subtotal = float (of CSV file) of RAW.

for i in fr:

if i[0].upper() == "KUHAR":
 subtotal += float(i[2])

print("Subtotal = " + str(subtotal))

WAP to display the purchase date's
and items with total purchase price
of specific person by using person name.

fp = open(filepath, mode) of RAW.

fr = CSV.reader(fp): append, loop

```
name = input("enter the name :")
```

```
sum1 = 0
```

```
for i in fr:
```

```
    if i[0].upper() == name.upper():
```

```
        print(i[2], i[3], i[-1])
```

```
    sum1 += int(i[-1])
```

```
print("total price is", sum1, "Rs")
```

```
fp.close(), to reading lot of file
```

Questions: what no of items pd no of

1. WAP to count the number of items in a file.

2. WAP to display the details of all the people , item type is casual wear.

3. WAP to display the total profit = for all

Casual wear.

```
20-4-23.
```

write content in CSV file.

import CSV

content = [

"sunil", "28", "760122020", "suni1@gmail.com", "Naga", "18", "96012020", "Naga@gmail.com"],

```
[{"name": "Mahesh", "age": 26, "id": 8601202424, "email": "mahesh@gmail.com"}, {"name": "Ganesh", "age": 26, "id": 8601202424, "email": "ganesh@gmail.com"}, {"name": "Kumar", "age": 30, "id": 8601202424, "email": "kumar@gmail.com"}]
```

fp = open('filepath', 'w')
writer = CSV.writer(fp)
writer.writerow(["name", "age", "phone", "email"])
writer.writerow([{"name": "Mahesh", "age": 26, "id": 8601202424, "email": "mahesh@gmail.com"}, {"name": "Ganesh", "age": 26, "id": 8601202424, "email": "ganesh@gmail.com"}, {"name": "Kumar", "age": 30, "id": 8601202424, "email": "kumar@gmail.com"}])
fp.close()

for i in li:
writer.writerow(i)
writer.writerows(li) = enter data in
file
fp.close()
reading CSV file :-
→ If we want to read the content
from the CSV file we have to use
the function name called reader.
→ reader is a pre-defined function
it accept file pointer.
→ It will fetch the content from
the file and store it inside the
file reader object.

- It returns file reader object.
- If we want to get the content from the file reader object, we have to use [dynamic iterator (for loop)].
- This will store the content in form of a list with string format.
- Each row it consider as one list.
- Each value it will store in form of string inside list.

Syntax :-

```
variableName = CSV.reader(csvfile pointer object address)
```

→ Default delimiter is comma (,).

example :- ~~get input of three rows~~ ~~get output~~

```
import CSV as glif v2
```

```
fp = open('filepath', 'r')
```

```
res = CSV.reader(fp)
```

```
print(res)
```

```
for i in res:
```

```
    print(i)
```

```
    # which is next row of file
```

Writer - ~~will save file into string in file~~

If we want to create a content in CSV file we have to use function named called writer.

→ Writer is a pre-defined function the writer function will give the permission to write the content inside the CSV files.

→ The writer function will accept CSV file pointer object address.

Note :- The CSV file pointer object permission should be write.

→ It returns CSV writer object address. By using this writer object's address we can store the content inside the writer object address by the help of writerow function, or writerows function.

writerow :- It is a pre-defined function this function will accept list iterable value. The list of string values are stored inside the writer object.

→ It will create only one row at a time.
writerows :- It is a pre-defined function this function will accept list of list rows.

→ all the list of list rows stored inside the writer object.

Dictionary Reader :- It will accept CSV file object address and it will return CSV header object address, contain dictionary data.

ex:-
res = csv.DictReader(fp)
for i in res:
 print(i)

O/p :-

: morpog9

{ "name": "Sujit", "age": 28 } } = 11

{ "name": "Nagar", "age": 18 }

{ "name": "Mahesh", "age": 24 }

Dictionary writer :- Dictionary writer function will accept CSV file. It takes pointer address with write mode and it creates write object for storing the

(data and it returns dictionary writer object address.

→ dictionary writer ~~object~~ function will accept one more argument called fillnames in the form of collection.

→ By using writerow or writerows we can store the dictionary data inside the writer object address.

→ dictionary writer object data will store it inside the CSV file.

() + 9 = sps

() + 9 = small

() + 9 = finds

Program :-

```
li = [{"name": "sunit", "age": 28, "branch": "ece"},  
       {"name": "shashi", "age": 23, "branch": "cse"},  
       {"name": "vignesh", "age": 24, "branch": "csing"}]
```

```
fp = open(r'filepath', 'w', newline='\n')
```

```
writer = csv.DictWriter(fp, ["name", "age", "branch"])
```

```
writer.writeheader()
```

```
writer.writerows(li)
```

```
fp.close()
```

Program :-

```
def collect():  
    name = input(" ")  
    age = input(" ")  
    phone = input(" ")  
    email = input(" ")
```

```
return {'name': name, 'age': age, 'phone': phone, 'email': email})
```

```
l = []
```

```
start = 0
```

```
while start < 3:
```

```
    l += [collect()]
```

```
    start += 1
```

```
print(l)
```

program :-

```
li = [{"name": "raja", "age": "24", "phone": "9988774455", "email": "raja@gmail.com"}, {"name": "rani", "age": "22", "phone": "9977446622", "email": "rani@gmail.com"}]
```

```
import CSV
```

```
fP = open("filepath", "w+", newline = '\n')
```

```
writer = CSV.DictWriter(fP, ["name", "email", "age", "Phone"])
```

```
writer.writeheader()
```

```
writer.writerows(li)
```

```
fP.seek(0)
```

```
res = CSV.reader(fp, 'r')  
for i in range(len(res)): print(i)  
fp.close()
```

25-4-23

SQL Connection [MySQL]

How to create database. + (syntax)

>>> create database databasename;

to install pymysql in Python:

→ Open CMD
→ pip install pymysql

mysql command line Client

→ open mysql command line Client

→ given mysql + servername user password

→ Create a database: V2

→ Cmd create database databasename;

→ Cmd use databasename;

(a) 127.0.0.1,

(b) 192.168.1.1,

Program :-

```
import pymysql
dbconn = pymysql.connect(host='127.0.0.1',
                           port=3306, user='root',
                           password='root', db='interview')
print(dbconn)
cus = dbconn.cursor()
print(cus)

def create_table(dbconn, cus):
    cus.execute("create table employee
                 (id int, name varchar(50), age int,
                  email varchar(50), phone bigint,
                  gender varchar(10))")
    print("query ok, %s rows affected" %
          cus.rowcount)
    dbconn.commit()

# create_table(dbconn, cus)

def insert_record(dbconn, cus):
    id = int(input())
    name = input()
    age = int(input())
    email = input()
```

```
Phone = int()
gender = input()

val = [id, name, age, email, phone, gender]

cus.execute("insert into employee
(id, name, age, email, phone, gender)
values (%s, %s, %s, %s, %s,
%s)", val)

print("query ok, %s rows affected" %
(cus.rowCount))

dbConn.commit()

insert_record(dbConn, cus)

def select_records(dbConn, cus):
    cus.execute("select * from employee")
    res = cus.fetchall()

    for i in res:
        print(i)

# select_records(dbConn, cus)
```

def detail_record(dbConn, cus; PK):

E6-4-PC

cus.execute("select * from employee")
res = cus.fetchall()

for i in range(len(res)):

print(res[i])

if res[i][0] == PK:
return res[i]

return "Record is not available"

Print(detail_record(dbConn, cus, 1))

def delete_record(dbConn, cus, pk):
cus.execute("delete from employee
where id = ? ", [pk])
print("Query OK. rows affected", cus.rowCount)
dbConn.commit()

delete_record(dbConn, cus, 1)

[100] in [OK] = 100V

[100] in [OK] = 100V

[<nofields>]

[100] <nofields> in [OK] = 100V

[100] in [OK] = 100V

[100] in [OK] = 100V

[100] in [OK] = 100V