**Co5**

**1.write a program to read a file line by line and store it into a list.**

f1=open("file.txt","r")

print(f1.readline())

print(f1.readline())

print(f1.readline())

f1.seek(0,0)

print(f1.readlines())

print()

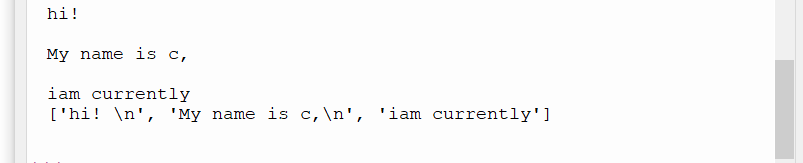
**file.txt**

hi!

My name is c,

iam currently

**output:**

****

**2.Python program to copy odd lines of one file to other.**

fn = open('fil1.txt', 'r')

fn1 = open('fil2.txt', 'w')

cont = fn.readlines()

type(cont)

for i in range(0, len(cont)):

if(i%2!=0):

fn1.write(cont[i])

else:

pass

fn1.close()

fn1 = open('fil2.txt', 'r')

fn=open('fil1.txt','r')

cont1 = fn1.read()

print(cont1)

fn.close()

fn1.close()

**fil1.txt**

this is 1

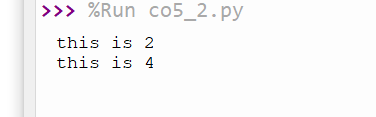
this is 2

this is 3

this is 4

this is 5

**output:**

****

**3. Write a Python program to read each row from a given csv file and print a list of strings..**

import csv

filename = "username.csv"

rows = []

cf=open(filename, 'r')

csvreader = csv.reader(cf)

for r in csvreader:

rows.append(r)

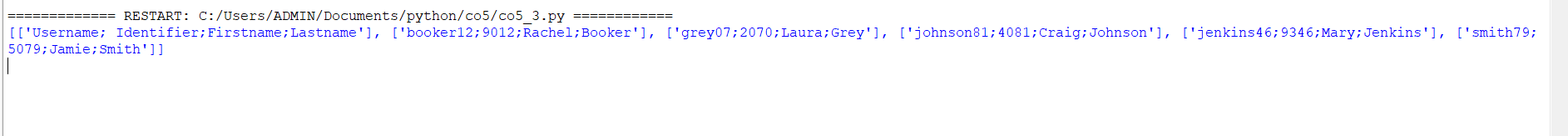
print(rows)

cf.close()

**username.cvs**

|  |  |  |  |
| --- | --- | --- | --- |
| Username; Identifier;Firstname;Lastname | | | |
| booker12;9012;Rachel;Booker | | |  |
| grey07;2070;Laura;Grey | | |  |
| johnson81;4081;Craig;Johnson | | |  |
| jenkins46;9346;Mary;Jenkins | | |  |
| smith79;5079;Jamie;Smith | | |  |
|  |  |  |  |

**output:**



**4. Write a Python program to read specific columns of a given CSV file and print the content of the columns.**

import csv

filename = "emp.txt"

fields = []

rows = []

cf=open(filename, 'r')

csvreader = csv.DictReader(cf)

for r in csvreader:

print(dict(r))

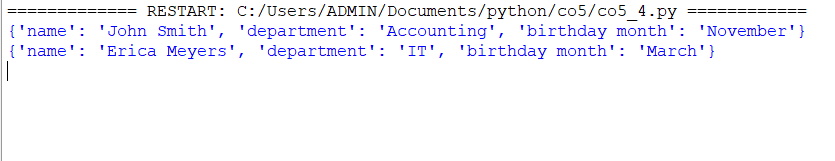
**emp.txt**

name,department,birthday month

John Smith,Accounting,November

Erica Meyers,IT,March

**output:**

****

**5. Write a Python program to write a Python dictionary to a csv file. After writing the CSV file read the CSV file and display the content**.

import csv

# csv file name

filename = "emp.txt"

# initializing the titles and rows list

fields = []

rows = []

# reading csv file

cf=open(filename, 'r')

# creating a csv reader object

csvreader = csv.reader(cf)

# extracting field names through first row

fields = next(cf)

print(fields)

# extracting each data row one by one

for r in csvreader:

rows.append(r)

#print the list containing the rows of csv file

print(rows)

print("...............")

print('\nFirst 2 rows are:\n')

for r in rows[:2]:

print(\*r)

print("The file content")

for sl in rows:

for l in sl:

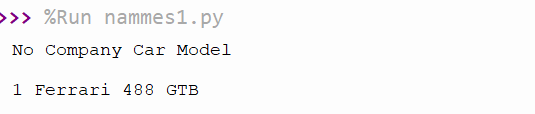
#print(l),

print(l,end=" ")

print()

cf.close()

**output:**

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