**PYTHON**

**CO-5 PROGRAMS**

1.Write a Python program to read a file line by line and store it into a list.

**CODE:**

f1=open("firstfile.txt","w") #write mode

f1.write("This is my first file in python\n I am to work with files\n This is my third line") #writing to the file

f1.close()

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

f1.seek(0,0)

ff=f1.readlines()

for x in range (0,len(ff)):

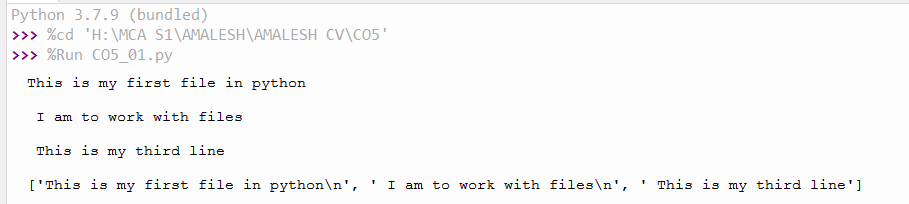
print(ff[x])

print()

print(ff)

f1.close

**OUTPUT:**



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

**CODE:**

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

for x in f1:

print(x)

print("\_\_\_\_\_\_\_\_")

f1.seek(0,0)

ff=f1.readlines()

f2=open("odd.txt","w") #creating a new file for writing the odd lines of file 1

print("\n ODD LINES: \n")

for x in range(0,len(ff)):

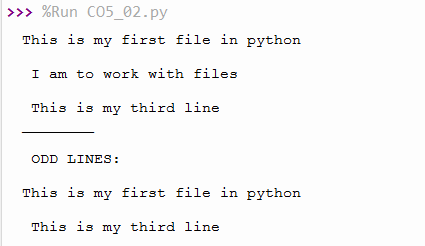
if(x%2==0):

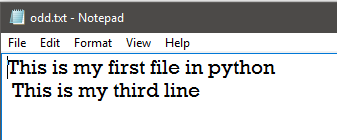
print(ff[x])

f2.write(ff[x])

f2.close()

**OUTPUT:**





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

**CODE:**

import csv

filename = "username.csv"

rows = []

cf=open(filename, 'r')

csvreader = csv.reader(cf)

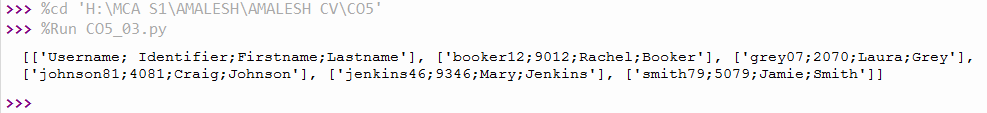
for r in csvreader:

rows.append(r)

print(rows)

cf.close()

**OUTPUT:**



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

**CODE:**

import csv

filename = "emp.txt"

fields = []

rows = []

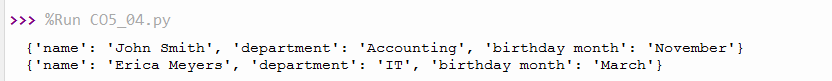
cf=open(filename, 'r')

csvreader = csv.DictReader(cf)

for r in csvreader:

print(dict(r))

**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.

**CODE:**

import csv

field\_names = ['No', 'Company', 'Car Model']

cars = [

{'No': 1, 'Company': 'Ferrari', 'Car Model': '488 GTB'},

{'No': 2, 'Company': 'Porsche', 'Car Model': '918 Spyder'},

{'No': 3, 'Company': 'Bugatti', 'Car Model': 'La Voiture Noire'},

{'No': 4, 'Company': 'Rolls Royce', 'Car Model': 'Phantom'},

{'No': 5, 'Company': 'BMW', 'Car Model': 'BMW X7'},

]

with open('Names1.csv', 'w') as csvfile:

writer = csv.DictWriter(csvfile, fieldnames = field\_names)

writer.writeheader()

writer.writerows(cars)

filename = "names1.csv"

cf=open("names1.csv", 'r')

rows=[]

csvreader = csv.reader(cf)

for r in csvreader:

rows.append(r)

for r in rows:

print(\*r)

**OUTPUT:**

