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

Algorithm:

Step1: Import csv

Step2: Open the csv file.

Step3: Set data = csv. reader (csv file, delimiter = ';', quotechar = '|')

Step4: Iterate each row in data.
        print join (row)

Step5: Stop.

Result: program run successfully and verified. ✓

Program:

```
import csv
with open('emp.csv', newline = '') as csvfile:
    data = csv.reader (csv file, delimeter = '', quotechar='')
    for row in data:
        print(','.join(row))
```

emp.csv

empid	Name	Age	Salary
01	Aneesh	28	15000
02	Manu	27	20000
03	Varun	26	10000
04	Kiran	22	18000
05	Athira	24	21000

Output:

empid, Name, Age, Salary.

01, Aneesh, 28, 15000

02, Manu, 27, 20000

03, Varun, 26, 10000

04, Kiran, 22, 18000

05, Athira, 24, 21000

AIM: Python program to read a file line by line and store it in to a list.

Algorithm:

Step1: L = ['python\n ", "Programming \n", "language \n"]
Step2: Write the content to file
Step3: read the content using readlines ()
Step4: set count =0
Step5: for line in lines:

    count = count +1
    print ("line { }: { }". format (count, line . strip()))

Result: program run successfully and verified.

Program:

```python
L = ["Python\n", "Programming\n", "language\n"]
file1 = open('myfile-txt', 'w')
file1.writelines(L)
file1.close()
file1.open('myfile.txt', 'r')
lines = file1.readlines()
count = 0
for line in lines:
    count += 1
    print("line {}: {}".format(count, line.strip()))
```
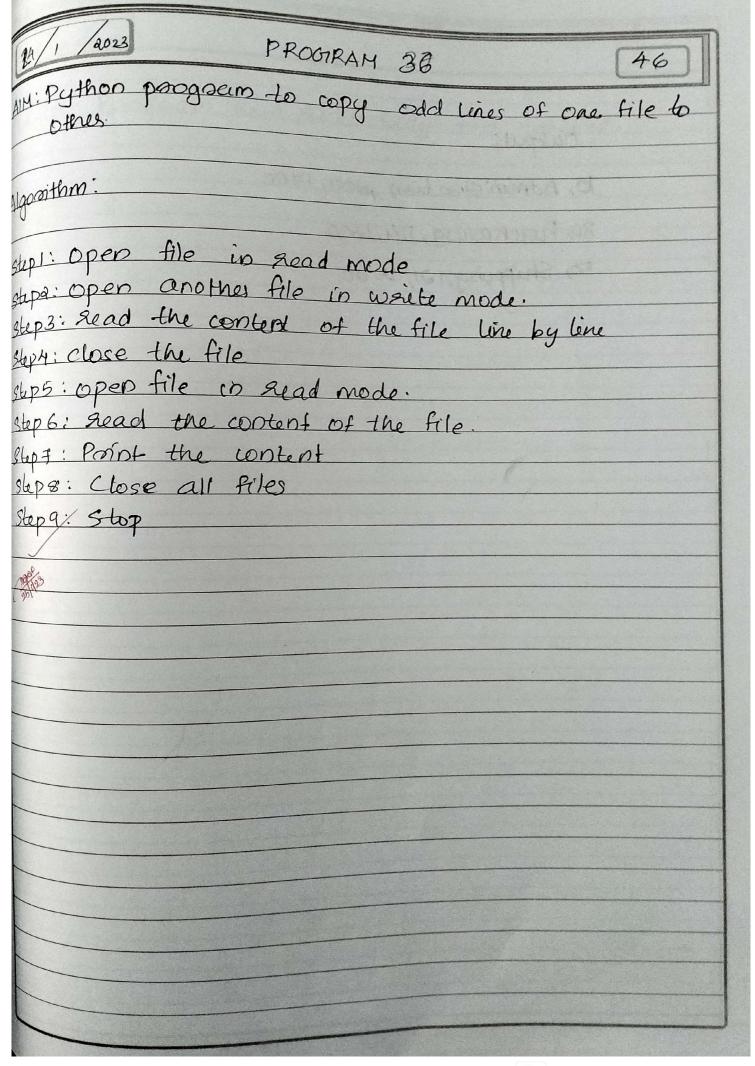
Output:

```
Line1: Python
Line2: Programming
Line 3: Language
```

AIM: Python program to copy odd lines of one file to others.

Algorithm:

step1: Open file in read mode

step2: open another file in write mode.

step3: Read the content of the file line by line

step4: close the file

step5: open file in read mode.

step6: Read the content of the file.

step7: Print the content

step8: Close all files

Step9: Stop

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PROGRAM:

```python
fn = open ('bcd.txt','a')
fn1 = open ('nfile.txt','w')
cont = fn.readline()
type (cont)
for i in range (0,len (cont)):
    if (i%2!=0):
        fn1.write(cont[i])
    else:
        pass
fn1.close()
fn1 = open ('nfile.txt','r')
cont1 = fn1.read()
print (cont1)
fn.close()
fn1.close()
```

bcd.txt

```
10, Administration ,200,1700
20, Marketing ,201, 1800
30, Purchasing ,114, 1700
40, Human resources, 203, 2400
50, shipping ,121, 1500
```

Output:

10, Administration ,200, 1700

30, Purchasing, 114, 1600

50, Shipping, 121, 1500