PYTHON

CO-5 PROGRAMS

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

```
f1=open("firstfile.txt","w")


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

```
>>> %Run CO5_01.py
  This is my first file in python

   I am to work with files

   This is my third line

  ['This is my first file in python\n', ' I am to work with files\n', ' This is my third line']
```

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

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

```
>>> %Run fileloop.py
  This is my first file in python

   I am to work with files

   This is my third line
  _____

 | ODD LINES:

  This is my first file in python

   This is my third line
```

AMALESH CV > CO5

odd.txt - Notepad

File   Edit   Format   View   Help

This is my first file in python
 This is my third line