**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.\nWant to work with files\nThis is my third line")

f1.close()

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

print("Name of file:",f1.name)

print("Close of file:",f1.close)

print("Mode of file:",f1.mode)

print(f1.read())

print("------------------")

f1.seek(0,0)

print(f1.read(15))

print(f1.readline())

print(f1.readline())

f1.seek(0,0)

ff=f1.readlines()

print(ff)

print("No of lines : ",len(ff))

print("------------------")

#import os

#os.rename("firstfile.txt","secfile.txt")

#print(f1.name)

#f1.close()

**OUTPUT**

Name of file: firstfile.txt

Close of file: <built-in method close of \_io.TextIOWrapper object at 0x000002895B956260>

Mode of file: r

This is my first file in python.

Want to work with files

This is my third line

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This is my firs

t file in python.

Want to work with files

['This is my first file in python.\n', 'Want to work with files\n', 'This is my third line']

No of lines : 3

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1. **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()

print("Looping through the file using Readline")

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

if(x%2==0):

print(ff[x])

print("---------------")

f2= open("Even.txt","w")

f2.write(ff[x])

**OUTPUT**

This is my first file in python.

Want to work with files

This is my third line

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Looping through the file using Readline

This is my first file in python.

This is my third line

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