1.Write a python program to read first n lines of a file.

Program:

def file\_read(fname, nlines):

from itertools import islice

with open(fname) as f:

for line in islice(f, nlines):

print(line)

file\_read('test.txt',2)

2. Write a Python program to append text to a file and

display the text.

def file\_read(fname):

from itertools import islice

with open(fname, "w") as myfile:

myfile.write("Python Exercises\n")

myfile.write("Java Exercises")

txt = open(fname)

print(txt.read())

file\_read('abc.txt')

3. write a Python program to read a file line by line store it into an array.

def file\_read(fname):

content\_array = []

with open(fname) as f:

#Content\_list is the list that contains the read lines.

for line in f:

content\_array.append(line)

print(content\_array)

file\_read('test.txt')

4. Write a Python program to find the longest word.

def longest\_word(filename):

with open(filename, 'r') as infile:

words = infile.read().split()

max\_len = len(max(words, key=len))

return [word for word in words if len(word) == max\_len]

print(longest\_word('test.txt'))

5. write a Python program to count the number of lines in a text file.

fname = input("Enter file name: ")

num\_lines = 0

**with** open(fname, 'r') **as** f:

**for** line **in** f:

num\_lines += 1

**print**("Number of lines:")

**print**(num\_lines)

6. Write a Python program to count the frequency of words in a file

from collections import Counter

def word\_count(fname):

with open(fname) as f:

return Counter(f.read().split())

print("Number of words in the file:",word\_count("test.txt"))

7. Write a Python program to write a list to a file.

color = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

with open('abc.txt', "w") as myfile:

for c in color:

myfile.write("%s\n" % c)

content = open('abc.txt')

print(content.read())

8. Write a Python program to read a random line from a file.

Hints: Use random choice()

9. Write a Python program to assess if a file is closed or

not.

10. Write a Python program to remove newline characters from a file.

11. Write a Python program that takes a text file as input and returns the number of words of a given text file.

Note: Some words can be separated by a comma with no space

12. Write a Python program to extract characters from various text files and puts them into a list.

13. Write a Python program to generate 26 text files named A.txt, B.txt and so on up to z.txt.

14. Write a Python program to create a file where all letters of English alphabet are listed by specified number of letters on each line.