1. Write a python program to read an entire text file

def file\_read(fname):

txt = open(fname)

print(txt.read())

file\_read('test.txt')

**Output:**

Welcome to w3resource.com.

Append this text.Append this text.Append this text.

Append this text.

Append this text.

Append this text.

Append this text.

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

def file\_read\_from\_head(fname, nlines):

from itertools import islice

with open(fname) as f:

for line in islice(f, nlines):

print(line)

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

**Output:**

Welcome to w3resource.com.

Append this text.Append this text.Append this text.

1. Write a python program to append text to a file and display the file

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')

**Output:**

Python Exercises

Java Exercises

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

import sys

import os

def file\_read\_from\_tail(fname,lines):

bufsize = 8192

fsize = os.stat(fname).st\_size

iter = 0

with open(fname) as f:

if bufsize > fsize:

bufsize = fsize-1

data = []

while True:

iter +=1

f.seek(fsize-bufsize\*iter)

data.extend(f.readlines())

if len(data) >= lines or f.tell() == 0:

print(''.join(data[-lines:]))

break

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

**Output:**

Append this text.

Append this text.

1. Write a python program to read a file line by line store it into a variable

def file\_read(fname):

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

data=myfile.readlines()

print(data)

file\_read('test.txt')

**Output:**

['Welcome to w3resource.com.\n', 'Append this text.Append this text.Append this text.\n', 'Append this text.\n', 'Append this text.\n', 'Append this text.\n', 'Append this text.\n']

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

def file\_read(fname):

with open(fname) as f:

content\_list = f.readlines()

print(content\_list)

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

**Output:**

['Welcome to w3resource.com.\n', 'Append this text.Append this text.Append this text.\n', 'Append this text.\n

', 'Append this text.\n', 'Append this text.\n', 'Append this text.\n']