***Python Assignment-10***

**Name : M.Prathyusha Reddy**

**Section : B2**

**Roll No : 321910302057**

1. **Program to read an entire text file**

f = open("Gitam.txt","r")

s=f.read()

print(s)

f.close()

**Output:-**hi

good morning

1. **Program to append the text to file and to display the text**

f = open("Gitam.txt","a")

string=' stay home stay safe '

f.write(string)

f = open("Gitam.txt","r")

s=f.read()

print(s)

f.close()

**Output**:- hi

good morning stay home stay safe

1. **Program to read a file line by line and to store in a variable**

def file\_read(fname):

with open (fname, "r")

as myfile: data=myfile.readlines()

print(data)

file\_read('abc.txt')

**Output:-** ['Python Exercises\n', 'Java Exercises']

1. **Python program to find longest word in a file**

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('abc.txt'))

**Output:-** ['Exercises', 'Exercises']

1. **Program to count the number of lines in a text file**

def file\_lengthy(fname):

with open(fname) as f:

for i, l in enumerate(f):

pass return i + 1

print("Number of lines in the file: ",file\_lengthy("abc.txt"))

**Output:-** Number of lines in the file: 2