***Python Assignment-9***

**Reg : 321910302057**

**Name: M.Prathyusha Reddy**

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

f = open("Python.text","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("Python.text","a")

string=' stay home stay safe '

f.write(string)

f = open("Python.text","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. **Program to read contents of file using for loop**

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

for line in f:

print(line)

f.close()

**Output:-** Python Exercises

Java Exercises

**5. Program to remove leading and trailing spaces from a string**

import re

s = ' Hello World From Pankaj \t\n\r\tHi There '

print('Remove all spaces using RegEx:\n', re.sub(r"\s+", "", s), sep='')

print('Remove leading spaces using RegEx:\n', re.sub(r"^\s+", "", s), sep='')

print('Remove trailing spaces using RegEx:\n', re.sub(r"\s+$", "", s), sep='')

print('Remove leading and trailing spaces using Rete:\n', re.sub(r"^\s+|\s+$", "", s), sep='')

**Output:**- Remove all spaces using RegEx:

HelloWorldFromPankajHiThere

Remove leading spaces using RegEx:

Hello World From Pankaj

Hi There

Remove trailing spaces using RegEx:

Hello World From Pankaj

Hi There

Remove leading and trailing spaces using RegEx:

Hello World From Pankaj

Hi There