**Python Task**

**Q1) Write a Python Program to read a file line by line and Store it into list.**

Program:

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

print(f.read().splitlines())

Output: ['Hello WOrld ', 'Learn Python Today', 'Regex']

**Q2) Write a Python program to read a file line by line store it into anarray**

Program:

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

a=[]

a=f.read().splitlines()

print(a)

Output: ['Hello WOrld ', 'Learn Python Today', 'Regex']

**Q3) Write a Python Program to generate 26 text files named A.txt,B.txt and so on upto Z.txt**

Program: for i in range(65,91):

j=chr(i)

f=open(j,"w+")

f.close()

**Q4) Write a Python program to create a file where all letters of English alphabets are listed by specified number of letters on**

Program:

import string

def alp(n):

f=open("Words.txt","w")

alpha=string.ascii\_uppercase

letters=[alpha[i:i +n] +"\n" for i in range(0,len(alpha),n)]

f.writelines(letters)

num=int(input("Enter Number: "))

alp(num)

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

print(f.read())

Output:

Enter Number: 5

ABCDE

FGHIJ

KLMNO

PQRST

UVWXY

Z

**Q5) Scraping Coronovirus**

import requests

from bs4 import BeautifulSoup

data=[]

total=[]

url = "https://www.worldometers.info/coronavirus/"

page = requests.get(url)

page = page.text

soup = BeautifulSoup(page, "html.parser")

a = soup.findAll("div",{"id":"maincounter-wrap"})

for i in a:

d=i.find("h1")

print(d.text)

c= i.find("div", {"class":"maincounter-number" })

print(c.text)

b=soup.findAll('table')

b=b[0]

for row in b.findAll('th'):

print(row.text,end=" ")

for row in b.findAll('tr'):

cell =soup.findAll('td')

for i in cell:

print(cell.text,end=" ")