PROJECT

AIM

Write a program to count and display the number of lines,words,vowels and digits present in a text file

CODE

def enter():

l=[]

b=int(input("enter the number of lines of your text file"))

for i in range (0,b):

k=input("enter the line")

l.append(k+"\n")

a=open("vint.txt",'w')

a.writelines(l)

a.close()

def line():

t=0

a=open("vint.txt",'r')

r=a.readlines()

for i in r:

t=t+1

print("the number of lines are",t)

a.close()

def words():

a=open("vint.txt",'r')

r=a.read()

f=r.split()

z=0

for i in f:

z=z+1

print("the number of words are",z)

a.close()

def vowels():

t=0

a=open("vint.txt",'r')

r=a.read()

k=r.split()

for i in k:

for j in i:

if j in "AEIOUaeiou":

t=t+1

print("the number of vowels are",t)

def digits():

t=0

a=open("vint.txt",'r')

r=a.read()

k=r.split()

for i in k:

for j in i:

if j.isdigit():

t=t+1

print("the number of digits are",t)

enter()

line()

words()

vowels()

digits()

OUTPUT

Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

RESTART: C:\Users\LAB003\AppData\Local\Programs\Python\Python37-32\sranav7.py

enter the number of lines of your text file3

enter the lineiit bombay123

enter the linenit calicut456

enter the linevnit nagpur789

the number of lines are 3

the number of words are 6

the number of vowels are 11

the number of digits are 9

>>>