POORNIMA
Program-6
Object
Tibrite & program to int the no of character in the string and stone them in a dict data strituiture
character in the string and stone them in
a dict. data stutrutura
Code
Stop & linguit (" entry string:") f = & y
p = 2
for i in &to
print (i)
112
if i in f:
$f \Sigma i I + = 1$
else
$F \Gamma i J = J$
F[i]=) print (f)
· · · · · · · · · · · · · · · · · · ·

and output entry String = Shipping S'S': I, 'h': 2, 'i': I, 'k': I, o' II

and the second of the second of the second

and did a service and a service of the service of t to be directly and the second second

	Prop	rzam-6.2	
01: /			
Object	nation A		100 / 1
libritle fra	gram so	est split a	nd jou
method	in The 87	rung on	Trail
birthday of	en the si	auth a a	S
<i>C</i> 1			
Lode	input ("In	<i>F</i> / <i>J</i> /	1: 4/ 11
bdaystr =	Injust En	un data of	burb:
kdoylist =	bdaysto split	*(/")	
prient (&	Saylest)	. 1	
bday = '-),	join (klay	list)	
bday diet =	daylist) join (kday !' birthday	11: bley 9	
TRA = in	rut ["ent	rg blay to	match
il b day	firt ["boo	thday 11] == Te	<i>y'.</i>
W Carry		U	
	it ("No")	Riveth day M	rateb")
- Ju			
else	+ (" 16")		
Ju	$u(n_0)$		e 2 .

Output

Enter date of birth

02/08/ 2005

[021, 1081,20051]

02-08-2005

enter belay to match 23-04.2020

Mo

POXENIMA) Ingram -1 Strike a foregreen de un frequency ut character a given file com you use character frequency le dell whether the given file is a python. Cedl f= "D;" infile demefile- Int" fell = epln(f, "z") b= { } for i en file: for in stange (c, len (i)); o. oppend (IE 17) print (a) for i in o el inb b[i]+=1 b [] = 1 print (b) (=f. split (".") fount " In this is a tet fill" elly ([]) = - 1' (pp 1')
Page No

Output

['W','0','0','p','S',11','1','h','a','v','d','e','e','d']

ε'ω': 1, 'o'; 3·, 'p': 1, 's': 1, à '1'.2}

It is a text file

punt "In end be cot file" |

punt "non it is cfile)

POORNIMA Brogram - 8.1 Object
Write a program to print each line of a file in ruer order. ofile = open (" D:\\ myfile \ dema file +x+";",

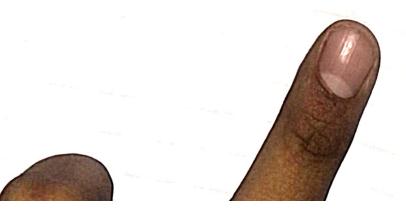
K = ofile: Tread lines ()

t = Treversed (K) for i en t;

print (i. retrip ())

offile, close()

Oletpert
This is my first file
World
hello



POORNIMA Object: Write a program to compute the no.
of characters , word, lines in fill. file = open ('D:11 impfile | demofte-txt", "x") number of lines=0 number. of - alords = 0 number - of- characters = 0 for line in file: line = line . Strip () Words - line , split () number - of lines t= I number of word + = len (word) number of character +=len (line) file. close (prient ("lines:" number of lines, " word", number of word" character, number of characters)

Ollfreit

lines: 7 Words: 30 characters - 200

POORNIMA

Brogram - 9. 1

ObjectWrite a femalion nearly equal to tent
wither two String are nearly equal. Two
String a and be are nearly equal when
string a and be are nearly equal when
a can be generated by a single nutation on

Code
String 1 = inpect (" Enter girst String !!!)
String 2 = inpect ("Enter swand String !!!)

if String = = String 2

print ("\n Both string and equal to each")
print (string 1;" = = ", string 2);

else

print ("In string over not excell")

print (String 1, "!=". String?).

Olltput

Enter first String ! Harshit

Enter second string : Harshit

Beth Etrings are equal to each

Harshit == Harshit

POORNIMA Program 9.2 object
White a fin' to compute get, sem of
two no. back for Should not exceed
one line Code def ged (X,y); cehile (y); x, y=y x'1. y netury X def lem (XIZ) lem = (x * y) / ged(x, y) netur lon Nllm 1 = 6 0 num 2 = 48 print ("L(m is", lem (num), neum2))
print (" acd of " ged (num), neum2))

Page No.....

Oltput

LCM is 240 GCD of is 12



POORNIMA brogram-10.1 a program le implement monge _lode def merge (au, l, m,) n1=m-1+) L = [o] * (n1) $R = [O]^*(n_2)$ for i in range (o(n): [[i] = aron [] for i in range (OIN2) RIJ - aus [m+1+i] R=D while ix n, and ix nz

eb[[1]<=p[i]:

avr [K]=L[i]

i++B

else:

7 = V_[] Page No.....

Output ljuen woray is 12 11 Sorted array is 5 6 7 11 12

```
(TOURNIMA)
         11=1
       KI=1
achele 1 (n1:
           aNT [K] = III]
           1 += 1
while janz
       aNT [K] = RIJ
          J + = 1
def merge sort (arril, 5):
 If lex;
       m = l + (n-1)/2
   mergisort (arr, 1, m)
   mergesort (arr, m+1, T)
merge (arr, l, m, TT)
arr = [12,11,13,5,6,7]
n = lon (avr)
print ("Given array is")
for i en range (n):
         print ("1.d" 1 an []] end=" 11
 merge out (dr. 0, n-1)

print ("(n)n sorted wray is")
 ber i in range (n)
           print ("+d "-007 Eil end=""
```

POORNIMA object

Object

Object

Abrite a program to implement selection

Sort, insertion Sort a = [16,19, 11,15,10,12,14] for i in a. v = a. index (i) uehile i>0: ef aEi-1] > a [i]: a [i-1], a [i] = a [i], a[J-1] print(a) a = [16, 19, 11, 15, 10, 12, 14] while i len (a); smallest = min (q[i]) index of smallest = a sindex (smallest) Page No.....

output

[10,11,12,14,15,16,19]

16:0

1 2 2 1

. . . 7

13 - 14

Con Man

grafi J