Implement novious lext file operation

Aim: To write a Bython Brogram implement lavious text file oborations.

Algorithm:

1. Write to a file:

- · Petine woulde lile (filnome) function
- -> ofen a file named by the in write mode
- -> white the following text to the file
 - -) Estator objects are known when suntime
 - -> close the file.

2. Read form afile:

- · Define modfile (filename) function.
- -> oren the files specified by filename in stead using a with statement.
- -> Read the entoice content of the tile
- -> Paint the correct

3. Execute the Porgram

- east write file ("write") to write the Predefined text to "log text"
- call readfile (text) to attempt to need from a file named "text" and Paint its andward.

noto por son hast avoison from gon from (m) morposis radigis a stime of miles surfue error objects are thrown when wentime errors occur The Ever object can also be used as a base object for used-defined exceptions ceres objects are town when suntime 319 all seds (-: 11to mot bos 5 · intere med the (filmone) tunder. is smooth to better state of theorems in transtole this o pieu bosto -) Read the entaine contrat of the file Extras ette triel (whole of the fire of ("stice") of stices was 1 Jal- pol" of Such many boos of flowsho of (hat) stillbour 1100 . 26, Low boo " Lest" bemon alt o baston

Parogram:

Let whilefile (file ame):

P=olen ("log txt";"w")

P=olen ("log txt";"w")

P=olen ("Evvox objects are thrown when

renthme error occur. The error object

an also be used as base object

for user-defined exceptions")

P=close()

Let swadfile (filename):

with olen (filename, "r") as file:

constent = file swad()

Print (content)

workefile ("write")

and file ("write")

Aim: To write a Jethon function that counts

The number of lines containing the word

Ewar' in a log file

Algorithm:

1. Initialize Error counter:

· Petine the function count-error lines

-) Initialize ever-count to o.

2 over and Road Ale:

node using a with statement

3. check such line for "ERROR":

· loop through line the file

-) Of time contains the word ERROR in crement by 1.

4. Return Evror count:

offeter speeding all the lines sections the value of ever - count.

5. Execuse the Briggson

Out count-enor-lines ("log. 1x4") to count

the number with the word "ERROR" in the

file "bg. 1x1".

out het sta pl a mi vous RESTART , Clusers | 91979 (Desktop 15125/69,16 Number of files with ERROR 182 1. Initialize Ever countsi. · refine the foretion count-ever lines -) Initialize error count to o. a both and food Ale: box ni smorte pd beited of therone in red humlde Itiu o gree short 3 check End line of "ERROR" alit all soil operall soil. "Sold fine contains the word ERROR" 1 ld gowand 1 Anos veris mut Si A - Fifty reading all the lines action alle -truss , vous 90 solde marshows, off James 23 from de ("top fires ("top tet) to count At no " 959 93" book att Ation volumer all 1 /xt . 69 " 3/2.

· Paint the steamy with the message: "Number of lines the "ERROR": {ewor-lines}"

Badrau:

def count - error-lines (file rome):

emor - count = 0

with ofen (filename, "r") as file

for line in file

if Error in line

emor - cound +=1

sectorn error count

error - lines = court - error - lines ("log. dxt")

Point (P"Number of lines with FRROR: { evror.

linesy").

log. txt

"Evor objects are thown When runtime evor

The error object can also be used as base object for user defined executed.

Aim: To wike a function that counts the node roof lines containg word ERPOR.

Algorithm:

1. comende employer rala.

-> Petine the function write-employee - stellart -> create a list employee antoining dictionaries each with "name" and dovelorment keys for individual employee

a olen file for wonting

· over the file specified by filenome in write mode using a with statement.

3. write Employee Pada to file

· Loor Ahnough each employee in the employee

-) for each emiloyee format astrong as Nome

followed by a newline character (In)

& Execute the Program

· coli write - employee - rebord ("employee - reloid

Ard") to . Write the employee dela to the

file "employee - rebord - ted":

outrut Number of lines with ERROR = 2 oldi sepollino storio o -> iletine the function write - employee - side. -) consider a list and one andoining dischionaries ish a year transfelowed bus some they also individual amillage pritire of site of · over the file siecified by filenome in translate It a o prieu shom stiras of to old savel Gmis stines & · Lood Absorph each engloyee in the engloyee -) to early employee terral ashing a none (11) the formated strag to the fine (or Execute the Program Many) A for sevollop - stops 1100.

1210how 1 det write - employee - orelord (file name). enfloyees = (f'nome", "Alica ", "defortment ": "HR"3, ["rame", "Bob", " dePartment": "Fingineering"], { "rame ": "charlie", "defortment": " Fihance "}" While ofen (flenome, "w") as file for employee in employees: line : f'' Nom e: femployer (inome] department: { emilloyec ("delostmend)} \n" file write (line) # Example usage es rite - endloyee - selor + ("endloyee - selort. txt")

VEL TECH - CSE	
EX NO.	
PERFORMANCE (5)	7
RESILITAND	5
RESULT AND ANALYSIS (3)	2
VIVA VOCE (3)	2
RECORD (4)	3
TOTAL (15)	4
I GIGN WITH DATE	
THE PARTY.	

Result: Thus the Bython Program inflemented various text file orientations was successfully executed and the ordered was verified.