Tack: 6 mplement vooilous text tile operations. Deoplew Q.1: Han used to make the sentence leason objects are thrown when runtime errors or writhe Exect object can also be need as a page object. for use & -defined exceptions " into a text the rame! 109 tht instance atorches that performs this task, Am: Towrite a python program implementation text file operations.

Algorithm:

1. wate to afte.

· Define write file (filerame) function:

open a file named "log. +x+" in write node.

waste the following text to thefile:

taray objects one thrown when runtime errors. occur. The error object can also be used as a. base object for over-defined expections?

· close the file.

2. Read from a file.

. Define readfile (filename) forthous:

open the file specified by filename intead.

mode using a coith statement. · Read the entire content of the file.

· Prant the content.

3. Execute the program:

· can write tile (write") to write the. Predefined text to "log. txt:

· call readfale ("Hext") to attempt to read from a file named "text" and point its content.

1-godrawi

det contetile (filename):

f = open ("log +x+","").

+ write ("toror objects one thrown when routine Crooks onwir. The error object can also be used as a baye object for user - defined expections!

output: - and surgeon tomored in a deal these offerts are thrown open toutine site pare object to & ories / degred Excertions. or the survivore tost astrono transform. the for more more of parties a strower interest . omitterente of 7 deto of strous · not not (some by) show strong. oper of the manners, poly the way. . - lyandt of Exat primonion sat straw Form I without worker Manual I soo High of yours. Benish ranks bouthook - sour tooldo sud del sal seolo. Dead for a tipe. wother (smorth) deliner mit on. to moder by tolerand of the moder "y" my toto those of prive este -1-11- to tarinos sollas one frago . +401 60 WH + HAVE TAVIOYANGE SHA TUDOS 11. 4"x2 of ("HTXCOC" s/7) +19800 400. itxt poly of street, toxital ago 1 months of (" 1x +4") shape 1000. in the former bone we have he smore with a

Ficlose() det read-file (filename): with open (felename, i') as file: content = file. sead(). point (content).

waste tile ("waste").

read file ("text").

Lewit: Thus, the pithon program implement vorious.
taxt tole operations was socceretuly executed and the

output was verified.

FV	VELTEC	H	
EXUSO.	1		
PERFORMANCE	(5)5)		
DEC.	4¥815 (5)		-
VIVAVOSE (5/3)			
RECORD (S)(1)		And the second second	
TOTAL (30)-)		AND REAL PROPERTY OF THE PARTY OF	

Paddem 6.2: you have a text tile lag . +x+ containing logs of a system. comite aforetion that county the Compan of liver contained the most "Exbox"

Dim: To write apython toogram implement whom text file operations.

Algorithm: 1. initialize error counter:

- a Dative the faction count-exactly (theme
- · initialize error count to 0.
- 2. open and Rood file:
- · open the file specified by fileranc in readmake using a cooth statement.
- 3. check each line for " (RROR":
 - . bop through each like in the tile:
 - · Pt the line contains the word "freez", informent corpor-count by 1.
- 4. Return totor count:
 - . After seading all the lines, retorn the value. of croor-count.
- 5. Executer the program.
- count error leves ("log itet") to count the. number of lines with the word "FRROR in the fik " log. +x+".
- · point the result with the message: "Number of lines with 1FRRO12 1: {Error - lines}"

Bogram:

det coort - error - lines (filerame):

crror - count = 0.

with open (filerane, &") as file:

for like infile:

of "FRROR" in line:

error - count += 1.

return coros - count

ont Outputit ped alt ixet o voil cop 1500 collaboration Number of lines with ERROR is 2. morpost modera o street or ing mothers also best 85 tours 80883. Distalist 1 :mutterpla tous without and without . O of topo - sorre ostlotting. : det boug bro mo. s 1 of the file strains of the off Franstota Ation & process :" JOSS) " VO) - TH HODE VOND . d : 5/7-4 5, 121 150 Aprost goods 2)" , 1000 3/1 5 Trobas 2/11 9/1 4/1 . 1 Fd + 4000 - 40480 the Retwen fores count! the After seading 120 the thick sections is a vita + topos - vorse to execute the Toroge in. the second (to the pull) point word - thereon in goody I sou hat it we wall to restance por west: speaking out they will the - tx4 pol"

ELROX-12633 count - error - 1 meg ("lag. +x+"). Point (+"number of lines with 'tRROR': { Error - 1 Enes &"). 109. +x+. "toppor objects one thrown when runtine. error occur. The error objection who be used as a have object for user-defined exceptions!

Result: Thus the python program implement. vaginary text tile operations was successfully executed and the output was vorified.



Boblem: 6.3 you need to write a report containing the details (Name , depositments) of the employee in. 18t. write a python function that writes this. report to a tile named. employee - report + +x+. Ain: To write a python program implement volicy text tile operations. Aldaryhun : 1, create employee data! - Defire the function waster employee-seport. · create a list employees containing distinctions. each with " name" and "depostment" keys for. Individual employed. · open the tile specified by filename in work made 2. open file to writing: using a with statement. 3. Write Employee Data to file: · loop through each employee in the employees lit.

· for each employee format a storing as " nome: & employee ['name'] /,

Depostment: ¿ topogee ('depositment')}!

· waste the formatted storng to the fale, followed by anewlere character (In).

u. Execute the Program:

work - employee - report ("somployee - report +x+") to write the employeed at a to the file " employee _ report .+x+".

OWPUT: terry of street to the way & Director Name: Alice, Department: H.R. o staw. Name: Bob, Deportment: Engineering. Name: charlie, Department: finance. foretime waste semplated without Dispatish printing as a moderne 12/10 of rafreegob " frie " non " Attos compelying looks with . prition you at a mo show the in smark put help, our stell out me innel is differ o paid : off of whom sombout still moethis septement tops devised in the one " most" to priest a to mot supulans door omployes [mame] f. "If (town on by) espekist , vote to fonto - it, stora. · (N) rest or cher of (IN). We fortsoft though " (+x1, =07, 6-2=10/1001) 4,007,8-10=10/100= 3/16 of the Hot shah yolano, other share

Drogram. det work - employee - report (filer employees C. ¿ "name": "Alice", "deportment":
¿ "name": "Bob", "deportment": Engineering II 3 "name": " charles", "depostment"; "finance"ig with open (filename, "w") or file: for employee in employees. line: f" name: [Emplyee ['name']]. Depositment: ¿ Employee ('depositment'] 41 h" tile. wate [line]. onte - employee - report ("Employee - report txt" # example usage: VELTECH VELTECH EX No. PREACHEMANDER SEY SIS ANSWERNOLETANALYSIS (5 RVACORO (4) TOTAL (15) SIGN WITH DATE LIV WITH DATE Desuit: Thus, the Tython program Implement program 1xt tile operations was successfully executed and. the out put was verified. PERFORMANCE (5) RESULT AND ANALYSIS (5) WHITH DATE