Task 8. Implement vanious text file operation To write a python Program implement various feet file operation, of trirt of toos Problem 8.1: You need to write the sequence Foror objects are through when runtime errors occur. The error object can also be used as a bax object for user-defined exaptions into a when runtime established for wer-destrict a banchion that werd as a bank object for wer-destrict a function that text file named log fut. Implement a function that text file named log fut. Implement a function that Performs this tark. (trot) roggosa. Ist OROGO : (frot) : (oword) Algorithm: 1- write to a Fik: -> Define write file function: soloso -> Define vorite file tunchor.

-> open a file named "log. fxt" in vorite made. -) close the file-(theof) regular tob 2. Read from a file: > define readfile function -> Read the enfire content of file. 3. Execute the Program!

3. Guerate the Program!

3. Guerate the Program!

3. Guerate the Program! → call write file to write → call read file to attempt to read from a file named fext. and print its content: Program: det write file (file name): f= open ("log txt"," w") of when runhing error occur) f. close () def-readfile (filename): with open (filename." 8") as file: content = file, read () Prind (content) write file ("write") sead file ("fext") and The Pathon Mogram to in support and decorators was succentially executed and the Error objects are thorown when runtime error occur. The object can also be used as a bar object for upon-defined exe ophow

Goz You have a text file log tot containing logs of a system write a function that counts the number of lines containing the word "ERROR". Error counter; touction count error - lines 1 was Trifialize Error counter: Agorithm: -> Define the tone count to 0. - Define the o open and Read file:

Jopen the file specified by file name in read mode a with statement. 3. check Each line for ERROR 3. check tack the contains word "ERROR", increment error count by 1.

Top the line contains word "ERROR", increment error count by 1. b. Return Error countries southing of > After reading all the lines, return the value of expressionst write employee report (files and): Program. def count-error-lines (Alename): error - count = 0 (filemane, "x") as file: for line in file: if ("ERROR" in line): state (" as a socialis) as a ex 808 - coont + =) redurn error _ count - t. (among _ liney ("log. txt") smoon Print (f" Nomber of lines with "ERROR"; {error_lines}") Bg. fxt. "Erros o blech on thrown when runtime error occus. The arrox object can also be used as a bar object for wor - defined exceptions; Nomber of lines with 'ERROR' is 2 was successfully exacited and buttest now verified

8.3 You need to write a report containing the defail	
8.3 You need to write a report containing the defails of employee in lift write a Python function that writes this to the a file named employee - seport the	1 4
to a file named employee - seport . td.	Pal
Maxitum 1	
o create Employee pata: -> Define the function write - employee report (file rame):	4
-> befine the function write - employee report literame:	,
2. open file for writing:	
to the specified by the	ची
statement,	
3. write Employee Data to File. the employey life	
statement' 3. write Employee Data to File: 3. write Employee Data to File: 100p Phrough each employee in the employees light 4. Frecule the Program: -> call write - employee - report l'employee - report tut') to write -> call write - employee - report l'employee - report tut')	
4. Freath the Program: (I I write tret') to write	the
-> call write - employee - report temployee - of the	.40
employee data to file "employee-report that"; Program: One of the semployee report that it is a semployee of the semployee	
Program: In write employee report (filename):	
Let write - employee - october (orter to	
employees = ["name": "Alice", "department": "#R"} ["name": "Alice", "department": "Engineering" }	
["name"; "Alice, department, in some from the	
name Bob Comment	
I name : "charlie, defartment, finance)	
Twith open (filename, "w") as file - (90) 1 100 100 100 100 100 100 100 100 100	
90999711	
7 4 1900 V	
Name: Alice, Department: HR Abio and be reduced to be seen to the second	
Name: Charlie, Department: Finance.	
MO DA THE SECTION	
Or deproper	
PERFORMANCE (5) PERFORMANCE (5) RESULT AND ANALYSIS (5)	
TOTAL VOLL	
RECORD (3)	
Pau H2 TOTAL (20) SIGN WITH DATE SIGN WITH DATE	
LINE CALL	- Jus
Thuy, the Python Program implement various fent tile of	
was successfully executed and outfut was verified.	

Br