Task 7 - Implement Various txtlcsv file operations student petalls aging page fundion is: ATM :-To write a lython Program for creating and updating student registration details using txt file derations. 15 AVEH2.

Step 1: Start

Algorithm:

19 AVIHE COSPI stelle: using ofen () method, crease and white text fine t my file. Ext! with student details.

000 (9)

2305 RAM 20

steps: uldate the new registered student details using affend obtator in it. (ament former of the former same) of bit

stefu:- ofen the file in read mode and using read() method funt the student details.

stell 5: using seek method hint the Particular student record. Stell 6: using tell method from the current position of the file. stelf:- dose the file.

Stelle : Stop

Program:

file = ofen (" student 1. txt", " w")

infect 1 = infect (" Froter columns name (n")

file write (infut)

file. write ("In")

neint (input (" Enter the no of students"))

for i in range (oin):

influt 2= influt ("Ender students details with for new") file. white (inputs)

file. write ("In")

file=open (" Student 1. txt", "a")

influts = inflot("Enter updated students dexuisin)

THE THE THE PROPERTY AND THE THE SERVE outlut:-Student Details using Read function is: 30 VTUND THE NAME AGE DOUGH DOUBLE D SHOW OF 2305 RAM 20 . 20010196 OFF 110 OFFICE CONTROLS CONTROLS -emdthons 1920 SHIVA 21 sep 15- Start 2305 RAM 20 The least of first line is: 15 outled of Read ine (first student record) function is: 2086 in it. find the current Position of file Pointer 129 stellist often the file in read mode and using readily method fint stell 5: using seek method frink the forticular secret record. 308 61- USING told method that the cution position of the file. 2017 - con - Flee 90+2 2999 - morgan the = ofen (" student hexe", "w") אלא ו ב וחירעד ("ביתם נסועותום דומוחפות") the write (influt) האני שווצפ ("נינה") nemt (what to or one the no of therents") i(no) seam is i son ("wan of this 21 loss states and ") total = & tolar (C+1974) 9-1400 , 975 ("n) ") 03400 .98

File-write (infut 3) file= ofen (" student 1. txt", "x") first ("student details wong read function is:")

first (file read(1)) Ant("In") File. Seek(o) (" regerst", "w") as f: Paint (" The length of first line is!") ten = ten (Ime) "ipp) is mussey में अर्थ का मेल मेल मिर में। पहलेंग9 Print(den) WHA open ("merge. txt", "+") as f: file. seek (lent1) Aint (" outlet of Readline (first student record) function is:") # Step 8: millise countes Print(file. readline()) Print ("In find the current Position of file Pointer:")" 0= 3 mo) f=file.tel1() 0= + (ww) - +18% 2018/10 PUNC (326) 10000 (325) AUG +(100) :N 9318 + Annt (f) for that in text : file - Close() 1 Orall. 1 Supper(): 1= 41 - 3 mm 05 - 10 990 1 () Hawe) 21 (904) 4:19 1=+1000-000) elif (nor. 15 digit (): 1= + + out - +1816 Step 5: First the regult (June - 6990 ":249:01 920) 6990 ") 499 (Jours - 1000) 11: 20 100 920) 4001 " JAM (+aua) - 3186 .": 231810 ") \$11 barine par 20 to the tick made ("from - 5186) from - courty, from - courty)

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The state (tollet 3)
Infut:
File name: merge. txt
                                                               (" 5" ," M.J. J. Jaboue ") (15 10 2 14
conflict : 5,48,44 ( a notice to the color should be to the color of t
the hogram to count aftercase, lowercase and doits in a life through the charge.
# stell:- create and write content to the file
          with open (" merge-txt", "w") as f:
                                                                                                AND THE TERMS OF FACE
      fromte ( Python is a tigh level varouage, developed by and lay
                                                                                     187 = ten (tene) ("1991 ni museon
# stella: ofen the file for reading
                                                                                                                                                 (10年)加州
   with open ("merge. txt", "r") as f: (1+192) 1908-314
     ("text of Reading (first student refullboar for tulino") til
# step 8: inviolize counters
                                                                                                                 unt file reading (1)
         wit ("In find the current fosition of the of n/") in
           lower_6unt=0
                                                                                                                                        1:41e tell()
           digit - count =0
                                                                                                                                                      (7) tri
# Stel u: wunt ullercase, lower case, and digites
                                                                                                                                        fle - (10201)
         for thair in text:
                  if Chair. isuffer():
                           uller - come + = 1
                elif (har. is lower():
                           Lower - went +=1
                 elif Char. is digit ():
                          digit _ wat + = 1
# Stells: Print the result
    And (" upper case laters:", upper_count)
    Mont (" Lower Case letters: ", lower_count)
   Print (" Digits :", digit - count)
  # compact outlet as required
   Print ( pli fuller - county, flower - county, { disit - county")
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6-2 counting cases

construct a furthern program whose file name is "merse-txt". To

illustrate the below content inside of the life

"Puthon is a thigh level language, developed by Guido van possuum in 199

coun the total number of upper case, and digits used in

the text file "merse, txt".

Avg water and the set of record to the set of A vertect focusty assigns the following weightage of marks/smales on fair assignments for the students in the little outse. There shows with the grace green states Program: (JEF. 2HIDST) SIZ 1994 BHEND # Program to concurre average grade of students with assignment weightage MID # Step1: Get number of students D#11094 9402 n = int (in lut(" enter number of students:")) # Stel a: Get assignment weightages Print (" Enter 4 assignment weigh tages:") 2221/15021. 1 = 12011 there a: Extract number of students weights =[] for i in range (u): (1)9412 (6) 29M) bri = 17 W=float (infut (f" weight (i+1):")) weights. allend (w) # Stel 3: Get student details (1942. (1942. (1)2304) = 21 ABISH [21/81300 M W of (W) took = 21/81300 Students = [] for i'in range (n); phub 23 mbut 2 009 2000 : 11 9012 # Bint (f" In Enter name of students (ity:") (n+e,s) sonor n .1 & name = infut() marks =[] (77:135. () 2445 (:) 5346 () - 5410) for jin range (4): [0]20109 = 9MOR m = int (influt (f" Enter mark (3+13 for fname):")) mater append (m) 23401 of m Students. append ((name)+ marks) O: West # stepu: carculate and display weighted average grade Print ("In -- Average Grades ...") :(1) season in (for Students in students: (6) 201 10m+ 10tos = 10tos name = Studento) , mon) 5000 . 21 13 mm? mories = Student(1) don' 200001 3 1912 for i'in tange (1): (2) 1970 . 281501 1) asto total = total +marks (3) weight (3) Print (name, "-) Average Glade: ", round (total,2))

construct a Python program to read the above table of Audente grades from a text fire (grades, txt) (available average grade for each student and frint out the result Statents name along with their average grade using another text file (results. txt). file (results. txt). # Program to read students grades from a file, concubite also and save results generally to winn too the # Stef 1: Read in flut data from grades: txt in "jaining the with oren (" grades. txt!", " ril as fin 100 100 100 100 100 lines = f. readlines () 1.2000 deson []= 24/8/501 # stel a: Extract number of students ;(1) 98000 ni i ion (": floot (for weight fire)) n=int (lines (0), strp()) works . allend (w) # Steps: Extract weights weights = Imes(i).strip().slit()glistois tribute. too: 8 1904 []= Streeting weights = [float (w) for w in weights] # stepu: Process each students duta (n) sensi ni i id Students () ("sfiti) 23096012 90 some 19303 0/"4) ±MA name = input() for 1. in range (2,2+n): 17= SHOM Parts = lines (i). Stup (). split() : (4) Sport of the name = Parts[0] marks = (int (m) for m in Parts (1:1) brong whom + colonate weighted average with anomic # Step 1: continue and display weighted avoide and total = total +maries (i) * weisher (i) students. allead ((name, round (total, 2))) # Stell 5: white resource into resource. txt with open ("rosully. txt", "w") as find for name lang in students have

f. write (name +"->"+ str (oug) +"\n")

And ("Amerage grodes have been writer to results. txt")

Example results txt (author)

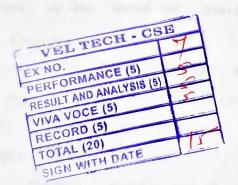
Gauta V -> 169.0

ALLINAV->188-6

Harvard -> 152.0

jai -> 162.0

ROW->188.0



Acsult: Thus, the Puthon Program Implement various text the afternations are successfully executed and the outflut was verticed