Task - @ Implement vocious tet los file operations ici notary know evide Pent years is G:1: Aim: no write a python program for creating and reducing Student registration details using tetfile operation. Algorithm MAR 1. 5tox 2 Using FORER ) method, Creak and write tetfile imy file. let with Student durain 3. updak the new registered student details using after a coepition in it. 4. Olen the file in read mode and using ready method Print the Student details 5. Wing seek method Print Reporticular student recording 2000 wire tell method Print the Covered POSITION of the file 7. close the file 8- Stop. Program file - Oker ( studed I txt " NWY input 1 = input ("Goder column namein") file write (ine+1) file . Writk ("10") n-intlined ("Enter the no of Students)) input 2 = input ("Exter student details with for now") for i h range (an): funik (infut 2) filewrik (" in") tile.5@\$(0) Print (" The length of first line is: ") line = file. readline() les = les(ire)

(rint (len)

expose of vool tat audient transfers (0 - mo Outputi 3 todat Details wing Read function is: of market modern of some con VRU NO NAME now winter interstein it tobede RAM 2305 21 imatropia, SHIVA 1920 RAM 2305 Hail 900, Jifym 3414 8:00 poor poton (2000 cia) & Studies distains The logth of first line is: out it of Read line (of 15 t Altudet record) function is: 2305 RAMOSERTADOS ESTAS SE EN LOS TESTES PILOS ESTAS POR TESTES PILOS ESTAS DE LAS LOS TESTES PILOS PI find the current position of file points: some is a close alpho. 29 Sot -8 morper file creat study to the ", may what is infect ( Goden colons namona) (1 this ) street of ("of") Hird. Vit (cathoda g on of whom) wind on . in icad gravai i ra incut of insus prender between with for cases) forte (talet 2) ("n") y'incs. )) (0) 100 e. Vir Carry 10 the look of the 1200) (in the radique ()

file. seek (len +1)

Print ("O utput of leadline (fish Student record) function is: ")

Print (file. readline (1))

Print ("in find the current position of file points:").

Print ("in find the current position of file points:").

Print (f)

Print (f)

Print (f)

Print (f)

Creck - CSE	
	8
ORMANCE (5)	5
DULT AND ANALYSIS (5)	5
AVA VOCE (5)	5
MECORD (5)	
OTAL (20)	1
SIGN WITH DATE	13

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Result: Thus, the Bython program for Creating and specific studes registration details using tet file operations was excused successfully.

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Q1: Country Cases
Construct a python program whose file name is "may, tot". To by
 illu strat to below content inside ofthe file.
expethon in a Night level language , developed by Ruido was
 8090mh 19914
 Court the total number of upon case, locuser case, and digits
  coxd in fext & mege . trl".
 Enfect:
  File name. may toto
  Output: 5,48,4
Profon:
  with open ("merg. trt', "w") as f:
      f. wrik ("python is a night level language, developed by
                 Guido van Rossum in 1991")
     is the open ("mag. tot) (" p") as f:
      text = f. recd (1
      upper_ Count = 0
      Losser ¿Count 20
       digit - Court =0
  for charintext:
     if char. is upper():
         UPPER_COUNT + = 1
       elifehar. is lower():
          Cower - cound + =1
      elit char. is digital:
           digit - coud +=1
    Print L'upper case letters!, upper_count)
     Printf (" Lower cax letter :", Lower coot)
      Prix (Digits, obgit_ count)
     Print (f "furren-county, flower-county adigit - county
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   find (for fugger-courses, flower-county disit - cours)
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Q.3 Ang grade: A veltech faculty assigns the following weightage of many by als on jour arrigaments for five students in the perthon course Program: no int (input " cotor number of students: ") Print ("Extr & assignments weightages:") eseighted =[] for i in range (4): w= float line ut(f" weight ditiy:")) weights . allend (w) Studen = D for in roof (a): Print(f"in the namy stable ditig:") name = input works [] for i in range (4): m = int (input (f" Enter more fit 1) for fram ): ")) maks append (m) Students . after al ((Name) + many Print (a volog grades) for student in Students: name = studed [0] makes = Sodet [i:] total =0 for i in verge (a): (i) object is to be a more (i) It would be (i) Print ( Mano, "> Average Grade, " woond ( total, 2)) VEL TECH - CSE EX NO. PERFORMANCE (5) RESULT AND ANALYSIS (5) VIVA VOCE (5) RECORD (5) TOTAL (20) Result: Thusthe Python Droggam for Creating and vedating Track x registration using but files. Operations is executed succentully