12/9/23 Tasks. Implement various Ent/CEV file coperations. Aim: To write apython perogram for creating and up doting Student registration details using the file operation Algorithm: 2) using open u method, create & write text file my file txt with student details. 3) Opdate the new registered student details using u) Open the file inread mode and wing spad (1 method point the student detaily. 5) Using seek method point the particular student record 6) Using teel methodpoint the current position of the file a) close the file 8)5100 p 200 gram file = Open ('Student1. Gxt", "W") input = input d'Enter cdamps hameln's file. write (input) file. write (" in") n = int(input c'Enterthe noofstudents)) for a in range (o, n); Enputs = input (Enter students details with fornews) file write (inputz) file . write (" In" file = open del Studenti. txt!, "a" input 3 = input l'Enter apdated students détails IN file. Write (input 3) File = open ('Student 1. tat"," 7") point & C'Student Details wing Read function is:") point(File red()) point ("In")

File-seek (0)

paint [" The Length of First Line is"]

(ine = file read (ind)

(the = Len (ling)

print (Len)

file seek (Lent)

point ("output of beadline (first studied second) function is.")

point file read line())

point ("Infind current position of file points")

point (F)

point (F)

file (1010)

Regult: Thus, the python point gram for creating and updating student rects istration details using the site operations we enecused successfully.

```
8.2 counting casy
 construct a program whose file name is "merge. but"
   To illustrate the bodow. Content project their le.
 Python ix a High level language developed by a gidovan
   kassumin 199/ Count the total number of uppercase lower case and digits used in the text file is marger. fruly
   Input:
   filenam: mergy tut
  # perogram to count appercase, and digits inafile
  # Step1: Creade andwrite content to the file
       with open (" marge. txt";" w") ast;
   f. write (" python is a High level Language, development
    by var possumin 1991")
   # Stupe: Open the file reading
            with open (1 merse trip, & ) as f
             Asnt = fireacc
    #Step3: I nitilalize counters
         Uppur count =0
           Lower- Count 20
     It stepti: count oppercase, lower case, and
              digit8
            For charintert;
                 "If (has 13 uss pec):
                  upper- ( ount + =)
                  elif chour is lower!
                       lower-lount= =)
                   eli' f chan is algit()
       & Steps: paint the ous left
          print & o opper cases Letters 4. Opene-court
```

point (('Digit - cooms)

print(fc" upper _ count). Elower _ count) i Edigit - county

6.3 constructs a python program to read the above table of Student grace for each from a tent file (gradus try Calculate average gradu for each strudent and print out the result of student name along with this average grade using another text file (result to the second and the second strudent name along with this average

Porogram

It Program to read students grades from a file, calculate averages, and save results

step 1: read input data from gradus the with open (' gradus . trtin'r') csf:

lines - F. read lines ()

Steps: Extract number of students
n=?n[[ines[o].strip()]

Steps: Extract weight weight = line [i]. Strip (). Split () weight = [flock (w) for w in weight]

step4: Process each student's day
students: []

for in range (2,2+n):

Part = linesti). Stripu. splitu

Mame = ports[0]

monter = [int(m) for minports (1:])

output

HIT AM CREATED BY A FUNCTION PASSED AS AN ARGUMENT hi, iam created by a function persed as an a rgument words and topolis so this of she to

Falighan 3 Vit a mer Fill to French Colored to Maria E. D. S. Colored Colored

But Miller of the Just the first of

wash. id

total to sin range (y)

ta -1 = total + manier [i] + weights[i]

tradered S. append ((name, nound (tot-1 ib)))

#step 5 : write sresult informult tot

with open ("result-trt", "") os [:

for name, and instructions:

f-write (name+"-> " trto(and)+" \n")

print ("Murrage grades have been written to result-test")

VIEL TROIR

EX NO.

PERFORMANCE (5)

RESULT AND ANALYSIS (5)

VIVA VOCE (5)

RECORD (5)

TOTAL (20)

SIGN WITH DATE

Peruti Thus the counting cars
the morge that'.

the programe fine name 18