Application 1

Class Employee:

Class to create the employee object

Def getEmployeeInfo():

Use the .txt file to look for the correct type of data by sorting the first line of data as the ID, the second as the name, the third as the title and the fourth as the pay and the resetting what count it is on to add the second employee and continue until the file has finished being read the return the completed list

Def getAllPay ();

Grab info from established employee variable and add the sum of the pay variable together and print and return that pay amount

Def totalRecords():

Grab info from the established employee variable and count the total number of records. Print and return that amount

Def avgPay():

Get the pay and records from the past 2 functions and divide the pay by the record amount to get the average. Print and return that amount

Def indivPay():

Grab info from the established employee variable and search each title listing for the correct string and depending on what that string is use that listings pay variable and add it to either the manager, sales or admin integer

Def creatReport():

Grab all the previously created data and use that to create the “Payrollreport.txt” file and generate the requested string to that file using the data

File = open(text file)

Employess = getEmployeeInfo()

Totalpay = getallpay()

Record = totalRecords()

Avg = avgPay()

Individual pay = indivPay()

createReport()

file.close()

Application 1 Flowchart

Diagram

Description automatically generated

Application 2

Def getEmployeeInfo():

Use the .txt file to look for the correct type of data by sorting the first line of data as the ID, the second as the name, the third as the title and the fourth as the pay and the resetting what count it is on to add the second employee and continue until the file has finished being read the return the completed list

Def getAllPay ();

Grab info from established employee variable and add the sum of the pay variable together and print and return that pay amount

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Def indivPay():

Grab info from the established employee variable and search each title listing for the correct string and depending on what that string is use that listings pay variable and add it to either the manager, sales or admin integer

Def creatReport():

Grab all the previously created data and use that to create the “Payrollreport.txt” file and generate the requested string to that file using the data

Rows = []

With open(csv file) as file:

Grab data off csv file putting header as a header list and each rows into a rows list

pay = getallpay()

Record = totalRecords()

Avg = avgPay()

Individual pay = indivPay()

createReport()

Application 2 Flowchart

