input

start

Declare ofstream fout

averageAbsent (a, b)

totDaysAbsent (int z)

numOfEmployees

while

Get number of employees store in variable x

Return value of averageOfAbs

Calculate average of value of b divided by a

Declare variable averageOfAbs

Return value of sumOfNumOfAbsentDays

Calculate sum of absent days and store in variable sumOfNumOfAbsentDays += absent days

Store absent days in text file

Get absent days

Prompt user to enter number of absent days for employee

ERROR MESSAGE

While absent days is less than 0

Get absent days

Prompt user to enter number of absent days for employee

Store employee ID in text file

Get employee ID

Prompt user to enter 4 digit employee ID

For int count = 1 count <= z increment count

Declare variable employeeID, numOfAbsentDays

x < 0

ERROR MESSAGE

Prompt user to enter number of employees

Return value of x

Get number of employees store in variable x

Prompt user to enter number of employees

Declare variable x

end

Close text file “EmployeeAbsent.txt”

Display “the numberOfEmployees were absent a total of sumOfNumOfAbsentDays.

The average number of days absent is average.

Programmer : PROGRAMMER\_NAME”

in text file

output

Declare variable numberOfEmployees, sumOfNumOfAbsentDays, average

process

Average = function value of averageAbsent with parameter that equals arguments numOfEmployees , and sumOfNumOfAbsentDays

sumOfNumOfAbsentDays = function value of totDaysAbsent with parameter = numberOfEmployees

numberOfEmployees = function value of numOfEmployees

Display header

“EMPLOYEE ABSENT REPORT

Employee ID: days absent”

in text file

Declare and start file “EmployeeAbsent.txt”

Declare constant PROGRAMMER \_NAME = Odalis R. Flores