#election Homework

import os

import csv

totalvotes = 0

winner = 0

winnername = ""

electiondata\_csv = os.path.join('..', 'Election\_Homework', 'electiondata.csv')

candidates = {}

with open(electiondata\_csv, 'r') as csvfile:

csvreader = csv.reader(csvfile, delimiter=',')

for row in csvreader:

totalvotes = totalvotes + 1

candidate = row[2]

if candidate in candidates:

candidates[candidate] = candidates[candidate] + 1

else:

candidates[candidate] = 1

for candidate, num in candidates.items():

if num > winner:

winner = num

winnername = candidate

print(candidate + ":" + str(num) + " Percent of vote " + str(num/(totalvotes - 1) \* 100))

print("Total Votes : " + str(totalvotes - 1))

print("Winner : " + winnername)

#pybank homework

import os

import csv

# Path to collect bank data from the Pythonstuff folder

pybankbudgetdata\_csv = os.path.join('..', 'Election\_Homework', 'pybankbudgetdata.csv')

Change = 0

previous = 0

total = 0

total\_dollars = 0

Greatest\_increase = 0

sum = 0

sum\_total = 0

Greatest\_Decrease = 9999999999999999999

#open csv

with open(pybankbudgetdata\_csv, newline="") as csvfile:

csvreader = csv.reader(csvfile, delimiter=',')

csv\_header = next(csvreader)

for row in csvreader:

total = total + 1

if total > 1:

Change = int(row[1]) - previous

sum = sum + Change

if Change > Greatest\_increase:

Greatest\_increase = Change

if Change < Greatest\_Decrease:

Greatest\_Decrease = Change

previous = int(row[1])

sum\_total = sum\_total + int(row[1])

print( "Average Change $ " + str(sum / (total - 1)))

print("Total Months " + str(total))

print("Total Dollars $ " + str(sum\_total))

print("Greatest Increase in Profits: $ " + str(Greatest\_increase))

print("Greatest Decrease in Profits: $ " + str(Greatest\_Decrease))