#First we'll import the os module

# This will allow us to create file paths across operating systems

import os

# Module for reading CSV files

import csv

csvpath = os.path.join('Resources', 'Budget\_data.csv')

totalmonths=0

totalvalue=0

Current=0

Previous=0

Totalchanges=0

Listfordifferences=[]

num= input("how many numbers:")

with open(csvpath) as csvfile:

# CSV reader specifies delimiter and variable that holds contents

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

# Read the header row first (skip this step if there is now header)

csv\_header = next(csvreader)

print(f"CSV Header: {csv\_header}")

# Read each row of data after the header

for row in csvreader:

totalmonths=totalmonths+1

totalvalue=totalvalue+int(row[1])

Current=int(row[1])

Change= Current-Previous

if Previous==0:

Previous=Current

elif Previous!=int(Current):

Change= Current-Previous

Previous=Current

Listfordifferences.append(Change)

if totalmonths>1:

Totalchanges= Totalchanges+Change

Averagechange= Totalchanges/(totalmonths-1)

Current=0

Previous=0

for amount in Listfordifferences:

Current=amount

if Previous==0:

Previous=Current

elif Current>Previous:

greatestincrease=Current

Previous=Current

elif Current<Previous:

greatestdecrease=Current

Previous=Current

for n in (num):

numbers=int(input("Enter number"))

Listfordifferences.append(numbers)

print ("financial analysis")

print ("-------------------------------------")

print ("total months: "+str(totalmonths))

print ("total: "+ str(totalvalue))

print("Average: "+str(Averagechange))

print(Listfordifferences)

print(greatestdecrease)

print(greatestincrease)

print("Greatest Increase in Profits:", max(Listfordifferences), "\nGreatest Decrease in Profits:", min(Listfordifferences))

My results

Total months: 86

total: 38382578

Average: -2315.1176470588234

[116771, -662642, -391430, 379920, 212354, 510239, -428211, -821271, 693918, 416278, -974163, 860159, -1115009, 1033048, 95318, -308093, 99052, -521393, 605450, 231727, -65187, -702716, 177975, -1065544, 1926159, -917805, 898730, -334262, -246499, -64055, -1529236, 1497596, 304914, -635801, 398319, -183161, -37864, -253689, 403655, 94168, 306877, -83000, 210462, -2196167, 1465222, -956983, 1838447, -468003, -64602, 206242, -242155, -449079, 315198, 241099, 111540, 365942, -219310, -368665, 409837, 151210, -110244, -341938, -1212159, 683246, -70825, 335594, 417334, -272194, -236462, 657432, -211262, -128237, -1750387, 925441, 932089, -311434, 267252, -1876758, 1733696, 198551, -665765, 693229, -734926, 77242, 532869]

Greatest Increase in Profits: 1926159

Greatest Decrease in Profits: -2196167

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