PsuedoCode for main

mainScreen function declaration

declare class objects

initialize variables

do statement

print screen information

set initial values with setter methods

try dataWODeposits method

if fail print error message

try datWDeposits method

if fail print error message

prompt user to continue

main function

try mainScreen function

if fail print error message

PsuedoCode for UserData.h

Declare class

Public:

dataWODeposits method declared

dataWDeposits method declared

PseudoCode for UserData.cpp

UserData method dataWODeposits

Initialize investment amount call getInitialInvestment

Initialize years amount call getNumYears

Screen sizing and printing

setTotalWODeposits method

initialize interestYearToDate to 0

unsigned ints of year and month count declared

for loop to calculate interestWODeposits

print information

reset interestYearToDate

UserData method dataWDeposits

gettInitialInvest

getMonthInvest

getNumYears

screen sizing and printing

setTotalWDeposits

initialize interestYearToDate to 0

unsigned ints of year and month count declared

for loop to calculate interestWODeposits

print information

reset interestYearToDate

Pseudocode for InvestData.h

Declare Class InvestDatta

Private:

Initialize variables

Public:

Initialize setter and getter methods

PsuedoCode InvestData.cpp

Use this -> pointer while fleshing out getter and setter methods

setInitialInvestment()

setMonthDeposit()

setAnnualInterest()

setNumyears()

setTotalWODeposits()

setTotalWDeposits()

calcInterestWODeposits()

calcInterestWDeposits()

getTotalWDeposits()

getTotalWODDeposits()