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PsuedoCode

Create a class InvestmentCalculator.

Declare private variables.

startingInvestment

monthlyDeposit

interestRate

years

totalAmount

interestAmount

yearlyInterest

Declare public variables of the class member functions.

getInput

calculateWithoutDeposits

calculateWithDeposits

In the InvestmentCalculator class

getInput

Display menu for user to enter initial investment, monthly deposit, annual interest, and number of years.

Get users input for initial investment, monthly deposit, annual interest, and number of years.

calculateWithoutDeposits

Calculate and display year-end balances and earned interest without monthly deposits.

calculateWithDeposits

Calculate and display year-end balances and earned interest with monthly deposits.

Main Function

Declare choice as a character variable.

Create a do while loop.

Inside of loop:

Create a instance of InvestmentCalculator called calculator.

calculator.getInput to display menu and get input from user.

calculator.calculateWithoutDeposits to display investment without deposits.

calculator.calculateWithDeposits to display investment with monthly deposits.

Ask the user if they would like to continue Y/N? store input in choice.

Repeat loop if choice is Y or y.

End Program