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Cout “Initial Investment amount”

Cin double principal

Cout “Monthly deposit”

Cin double monthlyDeposit

Cout “Annual interest”

Cin double interestRate

Cout “Number of years”

Cin int numberOfYears

Call function PrincipalOnlyInterest()

Initialize yearBalance = principal

Initialize yearNumber = 1

Initialize interestEarned

Loop for yearNumber (5 times)

cout yearNumber

interestEarned = (yearBalance \* interestRate)

yearBalance = interestEarned + yearBalance)

call function HeaderDisplay()

call function DisplayBalances(yearNumber, yearBalance, interestEarned)

cout information with formatting

call function PrincipalWithDepositInterest()

initialize yearBalance = principal

initialize yearNumber = 1

initialize interestEarned

loop for yearNumber (5 times)

function InterestCalculator()

loop 5 times

closingBalance = (openingBalance + monthlyDeposit) \* ((interestRate / 100) / 12)

call function DisplayBalances(yearNumber, closingBalance, interestEarned)

cout information with formatting