Pseudocode for Project 2

Caleb Bartee

4/2/2023

Start Program

Create variables

Display categories for data input

Initial Investment Amount:

Monthly Deposit:

Annual Interest:

Number of Years

Prompt user for input

Enter Initial Investment Amount

Enter Monthly Deposit

Enter Annual Interest

Enter Number of years

Remember to make months = years \* 12 statement

Press any key to continue

Output Balance and Interest Without Additional Monthly Deposits

Year Year End Balance Year End Earned Interest

For loop Balance and Interest Without Additional Monthly Deposits

Interest amount = total amount \* annual interest / 100

Total amount = total amount + interest amount

Output years //1, 2, 3, ect

Output the balance //with interest

Output the interest amount

Output Balance and interest WITH additional deposits

Year Year End Balance Year End Earned Interest

For loop Balance and interest WITH additional deposits

Interest amount = (total amount + deposit) \* ((annual interest /100) / 12)

Yearly total interest = yearly total interest + interest amount

Total amount = total amount + deposit + interest amount

Output years // 1, 2, 3, ect

Output the balance //with interest

Output the interest amount

Exit Program