CS 210 Project 2 Pseudocode

START

PROMPT user to enter:

-initial investment amount

-monthly deposit

-annual interest

-number of years

DISPLAY table

CALCULATE monthly and yearly interest

-with monthly deposits

-without monthly deposits

LOOP:

-Opening balance + deposited amount (0 if no monthly deposit)

-Multiply (interest rate divided by 100 (to get decimal)) then divided by 12 for monthly interest.

-Closing balance after calculation becomes opening balance to keep looping for each month

-track the interest earned

OUTPUT balance and interest without monthly payment

-Year

-Year end balance (sum of monthly balances over each year)

-Year end earned interest (sum of monthly interest over each year)

OUTPUT balance and interest without monthly payment

-Year

-Year end balance (sum of monthly balances over each year)

-Year end earned interest (sum of monthly interest over each year)

END