**CS-210 Project Two – Banking App Pseudocode**

Function DisplayMenu()

DISPLAY main menu

# Shows options for all the data input:

initial investment;

monthly deposit;

annual interest;

number of years;

# Press any key to continue option

END function;

Function InterestTables()

CALCULATE year-end balances WITH monthly deposits – input by user in menu.

CALCULATE year-end earned interest WITH monthly deposits – input by user in menu.

CALCULATE year-end balances WITHOUT monthly deposits.

CALCULATE year-end earned interest WITHOUT monthly deposits.

DISPLAY console for balance and interest WITHOUT monthly deposits for entered number years.

DISPLAY console for balance and interest WITH monthly deposits for entered number years.

END function;

Function CalculateInterest()

(Opening Amount + deposited Amount) \* ((Interest Rate/100)/12) = monthly interest

END function;

Function main()

PROMPT user for initial investment amount.

PROMPT user for monthly deposit amount.

PROMPT user for interest rate.

PROMPT user for number of years of investment.

CALCULATE monthly interest based on number of years entered.