Project 2: Pseudocode

WHILE true

DISPLAY home screen and program info

PROMPT for initial investment amount

WHILE input is not a valid number

DISPLAY "Invalid input! Please enter a numerical value."

PROMPT again

ENDWHILE

IF amount < 0

DISPLAY "Cannot compute with negative value.

BREAK

ENDIF

PROMPT for monthly deposit

WHILE input is not a valid number

DISPLAY "Invalid input! Please enter a numerical value."

PROMPT again

ENDWHILE

IF amount < 0

DISPLAY "Cannot compute with negative value.

BREAK

ENDIF

PROMPT for annual interest rate

WHILE input is not a valid number

DISPLAY "Invalid input! Please enter a numerical value."

PROMPT again

ENDWHILE

IF rate < 0

DISPLAY "Cannot compute with negative value."

BREAK

ENDIF

PROMPT for number of years

WHILE input is not a valid integer

DISPLAY "Invalid input! Please enter a whole number."

PROMPT again

ENDWHILE

IF years <= 0

DISPLAY "Cannot compute with zero or negative value."

BREAK

ENDIF

PROMPT "Press any key to continue"

CALCULATE and DISPLAY report without monthly deposits

Show year-end balance

Show interest earned

CALCULATE and DISPLAY report with monthly deposits

Show year-end balance

Show interest earned

ASK user if they want to run another report (yes/no)

IF no

EXIT program

ENDIF

ENDWHILE