**Investment Pseudocode**

**FUNCTION MAIN:**

Create variables initInv, monDep, AnuInt, months, years;

**DISPLAY initial requirements;**

**PROMPT** user to enter Investment amount, set this value to initInv

PROMPT user to enter Deposit, set this value to monDep variable

PROMPT user to enter Number of years, save this value to number of years

**DISLAY** message “Balance and Interest without Additional Monthly Deposits”

**DISPLAY** “Year Year End Balance Year End Earned Interest”

**FOR** value x <= years:

Calculate intAmt = (totalAm) \* ((AnuInt / 100))

Calculate totalAm = totalAm + intAmt

PRINT details on the screen

Increment value x by 1;

**DISLAY** message “Balance and Interest without Additional Monthly Deposits”

**DISPLAY** “Year Year End Balance Year End Earned Interest”

Value x,y= 0

**FOR** value x <= numYears:

**FOR** value y <= 12;

CALCULATE intAmt = (totalAm + monDep) \* ((AnuInt / 100) / 12);

CALCULATE yearTotInt = yearTotInt + intAmt;

CALCULATE totalAm = totalAm + monDep + intAmt;

Increment value y by 1

Display required details

Increment x by 1