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**SNHU**

**Pseudo code.**

**FUNCTION MAIN:**

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

​**DISPLAY initial requirements;**

​**PROMPT**user to enter Investment amout, set this value to initInv

​PROMPT user to enter Deposit, set this value to monDepvariable

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

​**DISLAY** message “Balance and Interest withoutAdditional 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 withoutAdditional 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;

​​​Inreament value y by 1

​​Display required details

​​Increament x by 1