Banking Pseudocode

Function of dataInput():

INPUT Investment

INPUT Deposit

INPUT Years

INPUT Interest

PRINT “Press any key to continue”

IF key entered

PRINT Investment, Deposit, Years, Interest

PRINT “Press any key to continue”

IF key entered

CALL reportWithoutMonthlyPay()

CALL reportWithMonthlyPay()

Function of reportWithoutMonthlyPay():

INITIALIZE YearNumber to 0

INITIALIZE Year End Balance to Investment PLUS (Investment \* Interest)

INITIALIZE Year End Earned Interest to Investment \* Interest

PRINT YearNumber, Year End Balance, Year End Earned Interest

FOR EACH Years

INCREMENT YearNumber by 1

INCREMENT Year End Balance by Year End Earned Interest

INCREMENT Year End Earned Interest by (Investment \* interest)

PRINT YearNumber, Year End Balance, Year End Earned Interest

Function of reportWithMonthlyPay():

INITIALIZE YearNumber to 1

INITIALIZE Months to 12

INITIALIZE Year End Earned Interest to 0

DECLARE Monthly Interest

FOR EACH Years

FOR EACH Months

Monthly Interest IS (Investment + Deposit) \* ((Interest/100)/12)

INCREMENT Investment by Deposit and Monthly Interest

INCREMENT Year End Earned Interest by Monthly Interest

Year End Balance IS Investment and Year End Earned Interest

PRINT YearNumber, Year End Balance, Year End Earned Interest

INCREMENT YearNumber by 1