PROJECT PSEUDOCODE

1. *Simple Interest*

BEGIN

//Simple Interest

PRINT "Input Principal:"

READ p

DEFINE p AS integer

PRINT "Input Rate (in percentage):"

READ r

DEFINE r AS integer

PRINT "Input No of Years:"

READ t

DEFINE t AS integer

a <-- p \* (1 + ((r / 100) \* t))

PRINT "Simple Interest = ", a

END

1. *Compound Interest*

BEGIN

//Compound Interest

PRINT "Input Principal:"

READ p

DEFINE p AS integer

PRINT " Input the No of Times It Compounds Per Year:"

READ n

DEFINE n AS integer

PRINT "Input Rate (in decimal [i.e., 50% = 0.5]):"

READ r

DEFINE r AS float

PRINT "Input No of Years:"

READ t

DEFINE t AS integer

a <-- p \* ((1 + (r / n)) \*\* (n \* t))

PRINT "Compound Interest = ", a

END

1. *Annuity Plan*

BEGIN

//Annuity Plan

PRINT "Input Principal:"

READ p

DEFINE p AS integer

PRINT " Input the No of Times It Compounds Per Year:"

READ n

DEFINE n AS integer

PRINT "Input Rate (in decimal [i.e., 50% = 0.5]):"

READ r

DEFINE r AS float

PRINT "Input No of Years:"

READ t

DEFINE t AS integer

y <-- r / n

a <-- p \* ((((1 + y) \*\* (n \* t)) - 1) / y)

PRINT "Annuity Plan = ", a

END

PRINT quotation mark imputes

INPUT p

PRINT

INPUT r

PRINT

INPUT t

. a = p \* (1 + ((r / 100) \* t))

print("Simple Interest = ", a)