BEGIN

INPUT income

PRINT “Your total income next month will be: $ “, income

CALCULATE spending money

INPUT choice

CASE choice of

1: print “Your overall spending budget this month is: $”, income

2: print “Your overall spending budget this month is: $”, spending

OTHERS

Quit

ENDCASE

INPUT option

CASE option of

1: self\_savings = 20%

2: self\_savings = 30%

OTHERS

Quit

ENDCASE

BEGIN

Savings = spending \* self\_savings

EXCEPTION

WHEN NameError

print(“Error: Incorrect integer entered has caused 'savings' value to be undefined. Rerun program and enter a valid integer.")

END

PRINT “Your total savings this month are: $”, savings

SET gather\_expenses()

INPUT rent

INPUT utilities

INPUT food

INPUT other

CALCULATE expenses

Call: clear monitor

CALCULATE margin

IF margin is >= 0:

print(‘Your spending budget will be :”, margin)

ELIF margin is ==0:

print(“You have no spending budget!”)

ELSE:

Print(“You are in the negative:”, margin)

SET class Budget

INIT(self, income, expenses, savings, margin)

SET self.income

SET self.expenses

SET self.savings

SET self.margin

PRINT Budget summary is:

PRINT income

PRINT expenses

PRINT savings

PRINT margin