#!/bin/python3

import math

import os

import random

import re

import sys

# Complete the fibonacciModified function below.

def fibonacciModified(t1, t2, n):

t3=0

if(n==1):

return t1

if(n==2):

return t2

for i in range(n-2):

t3=t1 + t2\*\*2

t1=t2

t2=t3

return t3

if \_\_name\_\_ == '\_\_main\_\_':

fptr = open(os.environ['OUTPUT\_PATH'], 'w')

t = input().split()

t1 = int(t[0])

t2 = int(t[1])

n = int(t[2])

result = fibonacciModified(t1, t2, n)

fptr.write(str(result) + '\n')

fptr.close()

