# 1. Quadratic Equation

import math

a=int(input("Enter first number :"))

b=int(input("Enter second number :"))

c=int(input("Enter third number :"))

r=(b\*b)-4\*a\*c

s=2\*a

if r==0:

r1=-b/s

print("\n only one real solution")

elif r>0:

r1=(-b)+math.sqrt(r)/s

r2=(-b)-math.sqrt(r)/s

print("\n two real solutions %r and %r"%(r1,r2))

elif r<0:

r1=(-b)/s

r2=math.sqrt(-(r))/s

print("two root values:")

print("r2=%r +i %r"%(r1,r2))

print("r3=%r -i %r"%(r1,r2))

# 2. Grade Print