print ()

print ()

print ("Program to assess gene trait.")

print ()

import decimal

print ("Enter the percentage likelyhood of having 2 genes: ")

a = input()

print()

print ("Enter the percentage likelihood of having 1 gene: ")

b = input()

print ()

c = 0

d = 0

e = 0

c = (float(a) \*4)

d = (float(b) / 2)

e = (float(c) + float(d))

g = format(e, "4f")

print ("Percentage to determine if the person has the trait: " )

print ("True: ", g)

h = ( 1 - float(g))

i = format(h, "4f")

print ("False: ", i)