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print("Type 'exit' to stop the program")

while True:

a = input("Type a value for a: ")

if a == "exit":

break

b = input("Type a value for b: ")

if b == "exit":

break

c = input("Type a value for c: ")

if c == "exit":

break

a = float(a)

b = float(b)

c = float(c)

x1 = 0.0

x2 = 0.0

x1 = (-b + (b\*\*2 - 4\*a\*c)\*\*(.5))/(2\*a)

x2 = (-b - (b\*\*2 - 4\*a\*c)\*\*(.5))/(2\*a)

if (type(x1) == float) and (type(x2) == float):

print("The two square roots are",x1,"and",x2)

elif type(x1) != float:

if type(x2) != float:

print("There are no valid square roots")

else:

print("There is only one square root:",x2)

elif type(x2) != float:

print("There is only one valid squareroot:",x1)

print("Leaving program...")