def interpret(code):

array = [0]

pointerLocation = 0

i = 0

c = 0

print(code)

while i < len(code):

if code[i] == '<':

if pointerLocation > 0:

pointerLocation -= 1

elif code[i] == '>':

pointerLocation += 1

if len(array) <= pointerLocation:

array.append(0)

elif code[i] == '+':

array[pointerLocation] += 1

elif code[i] == '-':

if array[pointerLocation] > 0:

array[pointerLocation] -= 1

elif code[i] == '.':

print(array[pointerLocation], chr(array[pointerLocation]))

elif code[i] == ',':

x = input("Input:")

try:

y = int(x)

except ValueError:

y = ord(x)

array[pointerLocation] = y

elif code[i] == '[':

if array[pointerLocation] == 0:

while code[i] != ']':

i += 1

elif code[i] == ']':

if array[pointerLocation] != 0:

while code[i] != '[':

i -= 1

i += 1

interpret("""

#This is where the BF code goes

""")