from collections import deque

import sys

def main(inputText):

inputValue = str(inputText)

if len(inputValue) != 0:

outputList = deque()

outputList.clear()

leftDeterminer = True

inputString = ""

for i in range(0, len(inputValue), 1):

if inputValue[i] == "[":

outputList.appendleft(inputString)

inputString = ""

leftDeterminer = True

elif inputValue[i] == "]":

outputList.appendleft(inputString)

inputString = ""

leftDeterminer = False

else:

if leftDeterminer:

inputString += inputValue[i]

else:

outputList.append(inputValue[i])

if leftDeterminer:

outputList.appendleft(inputString)

outputList = list(map(str.strip, outputList))

outputList = list(filter(lambda a: a != "", outputList))

outputString = "".join(outputList) + "\n"

print(outputString, end = "")

try:

main(input())

except EOFError:

return 0

else:

print("")

return 0

main(input())