print("Enter no of lines in code")

n=int(input())

l=[]

deadcode = []

for i in range(0,n):

s= str(raw\_input())

l.append(s)

for i in range(0,len(l)):

cur = l[i].split('=')[0]

flag=0

print(cur)

for j in range(i+1,len(l)):

if(cur in l[j]):

flag=1

if(flag==0 and i!=len(l)-1): #dead code

#print(l[i])

deadcode.append(l[i])

print("list of deadcodes : ",deadcode)

for i in range(0,len(deadcode)):

l.remove(deadcode[i])

print("optimised code :")

for i in range(0,len(l)):

print(l[i])

'''

output

Enter no of lines in code

3

x=a+b

y=10

z=y+b

x

y

z

('list of deadcodes : ', ['x=a+b'])

optimised code :

y=10

z=y+b

'''