def cal(a,b,c):

return max(abs(a-b),abs(b-c),abs(c-a))

class Solution:

# @param A : tuple of integers

# @param B : tuple of integers

# @param C : tuple of integers

# @return an integer

def minimize(self, A, B, C):

i=0

j=0

k=0

p=cal(A[0],B[0],C[0])

while (i<len(A) and j<len(B) and k<len(C)):

if (A[i]==min(A[i],B[j],C[k]) and i+1<len(A)):

i+=1

elif (B[j]==min(A[i],B[j],C[k]) and j+1<len(B)):

j+=1

elif (C[k]==min(A[i],B[j],C[k]) and k+1<len(C)):

k+=1

else:

break

p=min(cal(A[i],B[j],C[k]),p)

return p