# Problem: Electronics Shop

**Sample Input 0**

10 2 3

3 1

5 2 8

**Sample Output 0**

9

**Sample Input 1**

5 1 1

4

5

**Sample Output 1**

-1

Program

bnm = input().split()

b = int(bnm[0])

n = int(bnm[1])

m = int(bnm[2])

keyboards = list(map(int, input().rstrip().split()))

drives = list(map(int, input().rstrip().split()))

maxList=[]

for i in range(0,n):

    for j in range(0,m):

        if keyboards[i] + drives[j] <= b:

            value= keyboards[i] + drives[j]

            maxList.append(value)

        else:

            maxList.append(-1)

print(max(maxList))