'''

Online Python Compiler.

Code, Compile, Run and Debug python program online.

Write your code in this editor and press "Run" button to execute it.

lister=[]

n=int(input("How many numbers required"))

print("enter the number")

for i in range(n):

i= int(input())

lister.append(i)

lister.sort()

print(lister)

n = int(input())

for i in range(1,n+1):

print(i, end = " ")

i = i +1

def myfunc(n):

return lambda a : a \* n

mydoubler = myfunc(6)

print(mydoubler(11))

class Person:

def \_\_init\_\_(self, name, age):

self.name = name

self.age = age

def compare(self,other):

if self.age==other.age:

return True

else :

return False

p1 = Person("John", 36)

p2 = Person("Farman",36)

print(p1.name)

print(p1.age)

if p1.compare(p2):

print("same")

else:

print("not same")

class car:

# inside class are class variables or static variables

wheels=5

def \_\_init\_\_(self,name,mileage):# inside init are instance variables

self.car=name

self.mileage=mileage

@staticmethod

def getter():

return car.wheels

obj1=car("BMW",10)

obj2=car("CMW",10)

print(car.getter())

class A:

def \_\_init\_\_(self):

print("in A init")

def \_\_init\_\_(self,n):

print("in AA init")

class B(A):

def \_\_init\_\_(self):

super().\_\_init\_\_(67)

print("in B init")

b1=B()

class Student:

def \_\_init\_\_(self,m1,m2):

self.m1=m1

self.m2=m2

def \_\_str\_\_(self):

r1=self.m1

r2=self.m2

return "{} {}".format(r1,r2)

obj1=Student(23,29)

obj2=Student(29,30)

print(obj1.\_\_str\_\_())

print(obj2.\_\_str\_\_())

class Design:

def sum(self,\*b):

sum=0

for i in b:

sum=sum+i

return sum

s1=Design()

print(s1.sum(2,3))

a=5

b=0

try:

print("resource open")

s=a/b

except Exception as e:

print("Divide by zero has occured: ",e)

finally:

print("resource closed")

print("hello")

from time import sleep

from threading import \*

class A(Thread):

def run(self):

for i in range(5):

print("hello")

sleep(1)

class B(Thread):

def run(self):

for i in range(5):

print("hi")

sleep(1)

obj1=A()

obj2=B()

obj1.start()

sleep(0.1)

obj2.start()

#here bye will be printed in between by the main thread so to print the at the last

#use join

obj1.join()

obj2.join()

print("bye")

'''

f1=open('abc','w')

f1.write("this is file abc")

f1=open('abc','r')

f1.read(abc)

#code->compiled->byte code->interpreted(python virtual machine)->machine code

///////////////////////////////////////////////////////////////////////////////////////////////////////////////////

s="farman is a good boy"

s=s.split(" ")

print(s)

s='-'.join(s)

print(s)

///////////////////////////////////////////////////////////////////////////////////////////////////////////

n, m = map(int, input().split())

arr=list(map(int, input().split()))

arr2=list(map(int, input().split()))

arr3=list(map(int, input().split()))

happiness=0

for i in range(0,n):

for j in range(0,m):

if arr[i]==arr2[j]:

happiness=happiness+1

for j in range(0,m):

if arr[i]==arr3[j]:

happiness=happiness-1

print(happiness)

n,m=map(int,input().split())

l=input().split(' ')

A=set(input().split(' '))

B=set(input().split(' '))

happiness=0

for i in l:

if i in A:

happiness+=1

if i in B:

happiness-=1

print(happiness)