```python
house = list(map(int,input().split()))
s=house[0]
t=house[1]
tree = list(map(int,input().split()))
a=tree[0]
b=tree[1]
fruits = list(map(int,input().split()))
m=fruits[0]
n=fruits[1]
ca,co=(0,0)
d1=list(map(int,input().split()))
d2=list(map(int,input().split()))
for i in d1:
    place = a + i
    if place in range(s,t+1):
        ca = ca + 1
for i in d2:
    place = b + i
    if place in range(s,t+1):
        co = co + 1
print(ca)
print(co)
```