class Solution(object):

def findCircleNum(self, A):

N = len(A)

seen = set()

def dfs(node):

for nei, adj in enumerate(A[node]):

print(nei, adj)

if adj and nei not in seen:

seen.add(nei)

dfs(nei)

ans = 0

for i in xrange(N):

if i not in seen:

dfs(i)

ans += 1

print(seen)

return ans