# moje rozwiazanie do tego:

# https://www.geeksforgeeks.org/find-itinerary-from-a-given-list-of-tickets/

def helper(directions, curr):

if not directions:

return True

for i in range(0, len(directions)):

if curr[1] == directions[i][0]:

new\_directions = directions[:i] + directions[i + 1:]

return True if not new\_directions else helper(new\_directions, directions[i])

return not directions

def is\_itinerary(directions):

if not directions:

return True

for i in range(0, len(directions)):

curr\_directions = directions[:i] + directions[i + 1:]

if helper(curr\_directions, directions[i]):

return True

return False

if \_\_name\_\_ == '\_\_main\_\_':

assert is\_itinerary([['c', 'a'], ['b', 'c'], ['a', 'd']])

assert not is\_itinerary([['c', 'a'], ['b', 'c'], ['a', 'd'], ['e', 'f']])

assert is\_itinerary([['c', 'a'], ['b', 'c'], ['a', 'd'], ['d', 'b']])