Problem Link:

<https://leetcode.com/problems/find-the-number-of-ways-to-place-people-i/?envType=daily-question&envId=2025-09-02>

Solution:

class Solution {

public:

int numberOfPairs(vector<vector<int>>& points) {

int n = points.size();

int c = 0;

for(int i = 0; i < n; ++i)

{

int ax = points[i][0], ay = points[i][1];

for(int j = 0; j < n; ++j)

{

if(i == j)

continue;

int bx = points[j][0], by = points[j][1];

if(ax <= bx && ay >= by)

{

bool f = true;

for(int k = 0; k < n; ++k)

{

if(k == i || k == j)

continue;

int px = points[k][0], py = points[k][1];

if(px >= ax && px <= bx && py >= by && py <= ay)

{

f = false;

break;

}

}

if(f)

c++;

}

}

}

return c;

}

};