Problem Link:

<https://leetcode.com/problems/maximum-matching-of-players-with-trainers/?envType=daily-question&envId=2025-07-13>

Solution:

class Solution {

public:

int matchPlayersAndTrainers(vector<int>& players, vector<int>& trainers) {

sort(players.begin(), players.end());

sort(trainers.begin(), trainers.end());

int i = 0, j = 0, m = 0;

while(i < players.size() && j < trainers.size())

{

if(players[i] <= trainers[j])

{

m++;

i++;

j++;

}

else

{

j++;

}

}

return m;

}

};