Problem Link:

<https://leetcode.com/problems/maximum-number-of-events-that-can-be-attended/?envType=daily-question&envId=2025-07-07>

Solution:

class Solution {

public:

int maxEvents(vector<vector<int>>& events) {

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

priority\_queue<int, vector<int>, greater<int>> pq;

int d = 0, i = 0, r = 0, n = events.size();

while(i < n || !pq.empty())

{

if(pq.empty())

{

d = events[i][0];

}

while(i < n && events[i][0] <= d)

{

pq.push(events[i][1]);

i++;

}

while(!pq.empty() && pq.top() < d)

{

pq.pop();

}

if(!pq.empty())

{

pq.pop();

r++;

d++;

}

}

return r;

}

};