class job:

    def \_\_init\_\_(self, id, deadline, profit):

        self.id = id

        self.deadline = deadline

        self.profit = profit

class Solution:

    def jobScheduling(self, jobs):

        jobs.sort(key=lambda x: x.profit, reverse=True)

        maxi = jobs[0].deadline

        for i in range(1, len(jobs)):

            maxi = max(maxi, jobs[i].deadline)

        slot = [-1] \* (maxi + 1)

        countJobs = 0

        jobProfit = 0

        for i in range(len(jobs)):

            for j in range(jobs[i].deadline, 0, -1):

                if slot[j] == -1:

                    slot[j] = i

                    countJobs += 1

                    jobProfit += jobs[i].profit

                    break

        return countJobs, jobProfit

if \_\_name\_\_ == "\_\_main\_\_":

    jobs = [job(1, 4, 20), job(2, 1, 10), job(3, 2, 40), job(4, 2, 30)]

    count, profit = Solution().jobScheduling(jobs)

    print(count, profit)