Job Sequencing Problem

Given a set of **N** jobs where each job *i* has a deadline and profit associated to it. Each job takes *1* unit of time to complete and only one job can be scheduled at a time. We earn the profit if and only if the job is completed by its deadline. The task is to find the **maximum profit** and the number of jobs done.

Input:
The first line of input contains an integer T denoting the number of test cases. Each test case consist of an integer N in first line denoting the number of jobs and the next line consist of Job id, Deadline and the Profit associated to that Job.

Output:
Output the number of jobs done and the maximum profit.

Constraints:
1 <= T <= 100
1 <= N <= 100
1 <= Deadline <= 100
1 <= Profit <= 500

Example:
Input:
2
4
1 4 20 2 1 10 3 1 40 4 1 30
5
1 2 100 2 1 19 3 2 27 4 1 25 5 1 15

Output:
2 60
2 127

Explanation:
Test Case 1: You can do job 3 followed by the job 1. The overall profit = 40 + 20 = 60
Test Case 2: You can do job 1 followed by the job 3. The overall profit = 100 + 27 = 127