# Job Sequencing Problem

Given a set of N jobs where each $job_i$ has a deadline and profit associated with it.

Each job takes 1 unit of time to complete and only one job can be scheduled at a time. We earn the profit associated with job if and only if the job is completed by its deadline.

Find the number of jobs done and the maximum profit.

Note: Jobs will be given in the form ($Job_{id}$, Deadline, Profit) associated with that Job.


**Example 1:**

```
Input:
N = 4
Jobs = {(1,4,20),(2,1,10),(3,1,40),(4,1,30)}
Output:
2 60
Explanation:
Job₁ and Job₃ can be done with
maximum profit of 60 (20+40).
```
**Example 2:**

```
Input:
N = 5
Jobs = {(1,2,100),(2,1,19),(3,2,27),
        (4,1,25),(5,1,15)}
Output:
2 127
Explanation:
2 jobs can be done with
maximum profit of 127 (100+27).
```

## Your Task :

You don't need to read input or print anything. Your task is to complete the function JobScheduling() which takes an integer N and an array of Jobs(Job id, Deadline, Profit) as input and returns the count of jobs and maximum profit as a list or vector of 2 elements.

Expected Time Complexity: O(NlogN)
Expected Auxilliary Space: O(N)

Constraints:

$1 <= N <= 10^5$

$1 <= Deadline <= N$

$1 <= Profit <= 500$