


퇴사 2

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15486번: 퇴사 2

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[/<> https://www.acmicpc.net/problem/15486](https://www.acmicpc.net/problem/15486)

1. Dynamic Programming

1. Dynamic Programming

```
import sys

def sol():
    n = int(sys.stdin.readline())
    reserved = dict()
    for i in range(1, n + 1):
        reserved[i] = []
    for i in range(n):
        reservation = list(map(int, sys.stdin.readline().split()))
        if reservation[0] + i > n:
            continue
        reserved[reservation[0] + i].append([i + 1, reservation[1]])

    dp = [0 for _ in range(n + 1)]
    for day in range(1, n + 1):
        dp[day] = dp[day - 1]
        if not reserved.get(day, 0):
            continue
        for reservation in reserved[day]:
            if reservation[0] > 1:
                dp[day] = max(dp[day], reservation[1] + dp[reservation[0] - 1])
```

```
        else:
            dp[day] = max(dp[day], reservation[1])

    print(dp[-1])

sol()
```