

# 카우버거 알바생

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⚙️ Status	TODO
🏷️ Tags	Dynamic Programming Python
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2141번: 우체국

BAEKJOON  
ONLINE JUDGE

<https://www.acmicpc.net/problem/2141>

## 1. Dynamic Programmin Algorithm

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```
import sys

def sol():
    n, m, k = map(int, sys.stdin.readline().split())

    orders = [[0 for _ in range(k + 1)] for _ in range(m + 1)]
    for i in range(n):
        burger, potato = map(int, sys.stdin.readline().split())
        cur = [[0 for _ in range(k + 1)] for _ in range(m + 1)]
        for i in range(m + 1):
            for j in range(k + 1):
                if orders[i][j] > 0:
                    if i + burger <= m and j + potato <= k:
                        cur[i + burger][j + potato] = max(orders[i + burger][j + potato], 1 + orders[i][j])
                elif i == burger and j == potato and burger <= m and potato <= k:
                    cur[i][j] = max(1, orders[i][j])

        for i in range(m + 1):
            for j in range(k + 1):
                if cur[i][j]:
                    orders[i][j] = cur[i][j]

    result = 0
    for i in range(m + 1):
        result = max(result, max(orders[i]))
    print(result)

sol()
```

- 전역변수 지역변수 속도 차이

### [Python] 전역 변수(Global variable)는 얼마나 느릴까?

다음 두 코드는 1부터 10000000까지 노가다로 더한다. 정말 성능 차이가 많이 날까? Sum.py s = 0 for i in range(1,10000000): s += i print(s) Sum\_local.py def foo(): s = 0 for i in

🔗 <https://folivora.tistory.com/66>

