


다리를 지나는 트럭

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🏷️ Tags	Stack/Queue Python
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References

<https://school.programmers.co.kr/learn/courses/30/lessons/42583>

References

1. deque

1. deque

```
import collections

def solution(bridge_length, weight, truck_weights):

    answer = 0
    bridge = collections.deque([0 for _ in range(bridge_length)])
    bridge_weight = 0
    truck_weights = collections.deque(truck_weights)
    while truck_weights:
        truck = truck_weights.popleft()
        if bridge_weight - bridge[0] + truck <= weight:
            bridge_weight -= bridge.popleft()
            bridge.append(truck)
            bridge_weight += truck
            answer += 1
        else:
            truck_weights.appendleft(truck)
            bridge_weight -= bridge.popleft()
            bridge.append(0)
            answer += 1
```

```
for i in range(bridge_length - 1, -1, -1):  
    if bridge[i] > 0:  
        return answer + i + 1  
return answer
```