Koko loves to eat bananas. There are N piles of bananas, the i-th pile has piles [i] bananas. The guards have gone and will come back in H hours.

#Koko can decide her bananas-per-hour eating speed of K. Each hour, she chooses some pile of bananas, and eats K bananas from that pile.

#If the pile has less than K bananas, she eats all of them instead, and won't eat any more bananas during this hour. # Koko likes to eat slowly but still wants to finish eating all the bananas before the guards com