Problem Link:

<https://leetcode.com/problems/water-bottles-ii/description/?envType=daily-question&envId=2025-10-02>

Solution:

class Solution {

public:

int maxBottlesDrunk(int numBottles, int numExchange) {

int t = numBottles;

int e = numBottles;

while(e >= numExchange)

{

e -= numExchange;

t += 1;

e += 1;

numExchange++;

}

return t;

}

};