```c
#include <stdio.h>

void printCombinations(int *weights, int *num, int done, int n, int rem, int *found){

    // Base case
    if(rem == 0){ // No more candy to be eaten
        *found = 1; // Mr C is not doomed - at least one combination exists
        for(int i = 0; i < n; i++)
            printf("%d", num[i]);
        printf("\n");
        return;
    }
    if(done == n) return; // We have gone past the end of the array

    // How many pieces of this type of candy can Mr C take
    // without exceeding this daily quota?
    int max = rem/weights[done];
    if(max == 0)
        return; // Any more candy and quota will get exceeded
        // Remember - candy weights are in increasing order

    for(int i = max; i >= 0; i--){
        num[done] = i;
        printCombinations(weights, num, done+1, n, rem - weights[done]*i, found);
    }
}

int main(){
    int n, k, found = 0;
    scanf("%d", &n);
    int weights[n], numCandy[n];
    for(int i = 0; i < n; i++){
        scanf("%d", &weights[i]);
        numCandy[i] = 0;
    }
    scanf("%d", &k);
    printCombinations(weights, numCandy, 0, n, k, &found);
    if(found == 0)
        printf("MR C IS DOOMED");
}
```