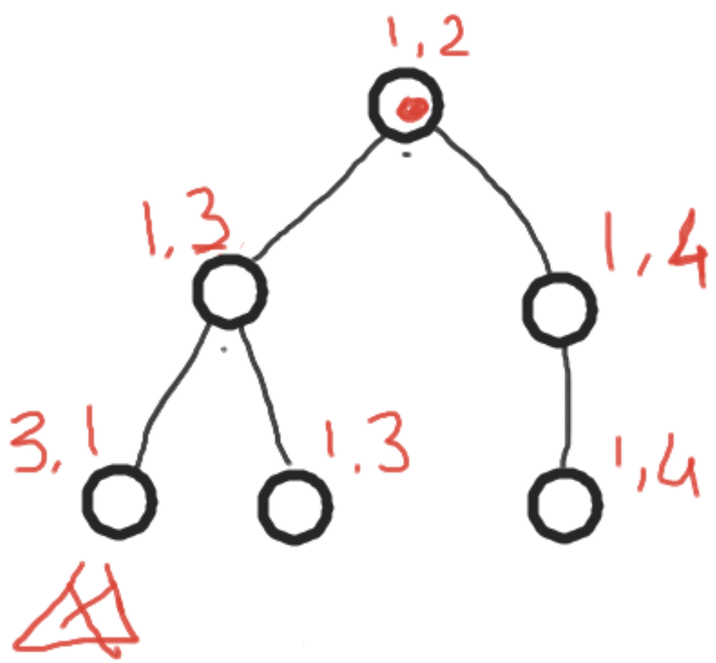
Events

- ordino eventi e ticket
- prendo prima il ticket più piccolo e lo uso se posso prendere almeno un evento, altrimenti lo butto

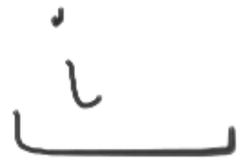
Hyacinth

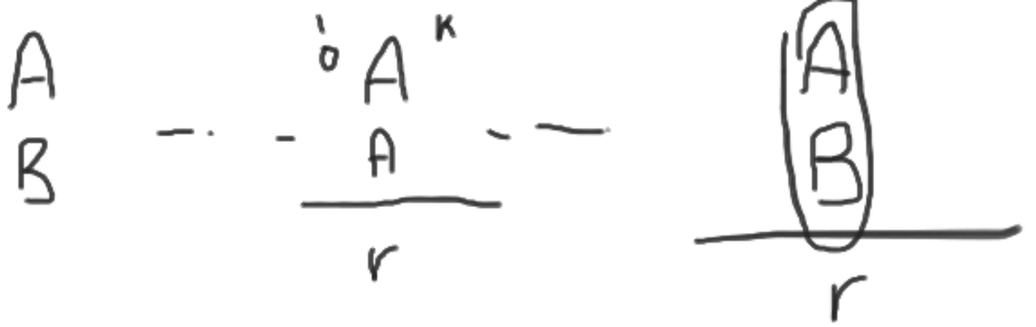


DFS

BFS

Sum





1 A + B controllare

A + A 10 2

A + B 10 10 1

A + B 1

Installing Apps

$d_i \quad s_i \quad C$

$d_i - s_i$ decr +

$\begin{cases} s_1 + d_2 < C \\ s_2 + d_1 > C \end{cases}$ $1 \to 2$

$-s_2 - d_1 < -C$

$s_1 + d_2 - s_2 - d_1 < 0$

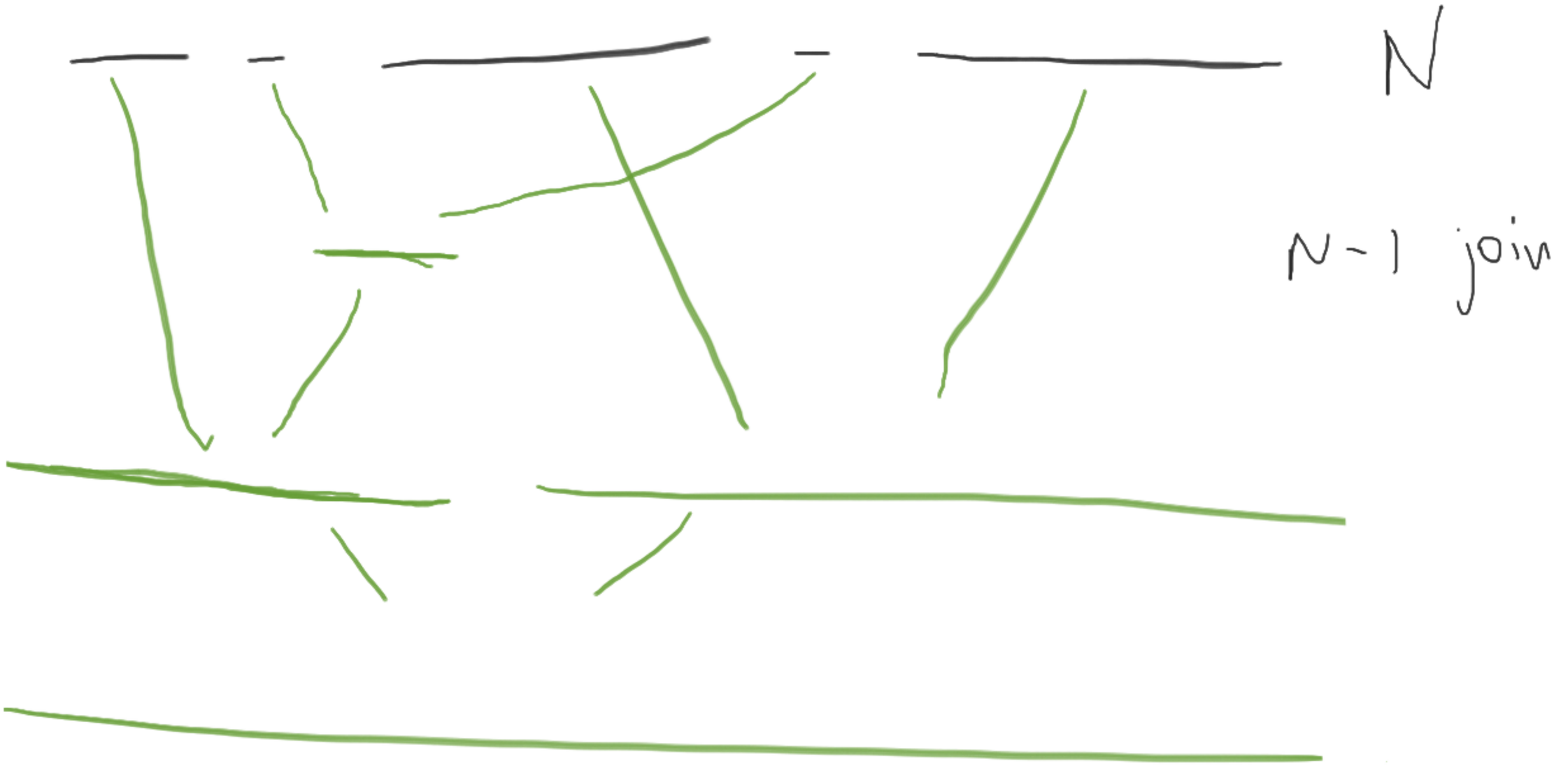
$s_1 - d_1 < s_2 - d_2$

DP $O(C \cdot N)$

$f(i, c)$: quante app posso installare da i in poi avendo C spazio

max
- $d_i \leq C \quad s_i \leq C$
  - $f(i+1, C - s_i)$
- $f(i+1, C)$

Canvas



Debugging

div i poz i

$$dp(n) = \min_{1 \le i < n} \left(dp\left(\left\lceil \frac{n}{i} \right\rceil\right) + ip \right) + r$$

r

p