1) function C(m, currenn):

if |m|curlz 2

print(cur)

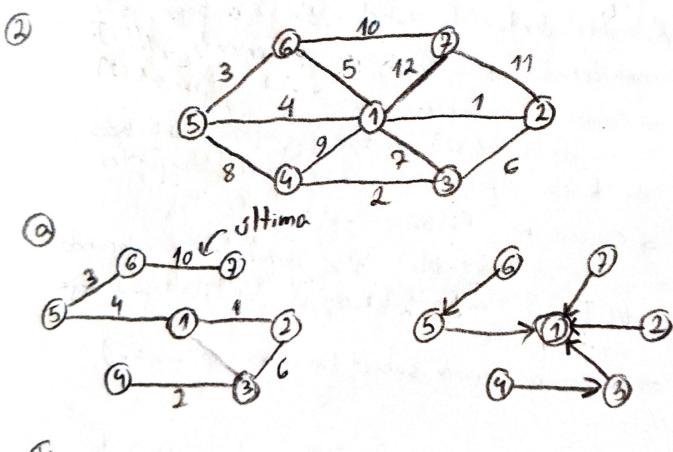
for i in 0, ..., I rem!

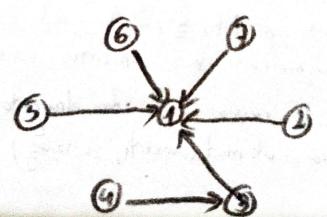
add = rem[i]

new-comb = cur. U fadds

new-rem = rem[i+1:]

C(n, new-comb, new-rem)





DFS TIEC H, G, F, D3

1=1,00 Cc120  $C(i,j) = \begin{cases} 0 \\ \sum_{i \leq k} C_i + \min_{i \leq k} \{C(i, k-1) + C(k+1, j)\}, else \end{cases}$ function C(i, i) piref): | function prefix-sum (e)

if dp(iry) x-1: | pref(i)=0 for 0. | | | |

return dp(i,i) | for i in 0. | |

if i=i: | pref(i)=c(i)+pre

return dp(iii) := c; return pref pref(i)=c(i)+pref(i-1) efsj2, else: return dp(i,j):=0 elsedp(i,i) = 00 Sums = pref(i)-pref(i) for SK in in 18 F( dp[i,i]=min(dp[iij], sum-c+(C(i, K-1)+ +C(K+1,j)) return dp [10] C (1,n, prefix-sum(c))