Sussectur I

= 250 gor 059

0)

2. Graful det are & vollent de o in mottrese de adroquité,

a correspond alementelles de pe drogonolle principollé. Resulté

a Relolte vollent sunt 1, deci graful ente complèt (Ké).

Orice subgraf au à vortint at Ké este un Ka, decorrece

The Ké existé anuchire toutre entaine doub noduri.

Quan Ka este enferion, résponsul este egol en

Oucanolise de subjectut a contru à vorfant as contra de contru à vorfant as contra de co

2. a)

4. Considerar un orsone en rédéciné à core erice mod, à oforé de frante, one cel mult doi deservate.

Tiecore dintre moduri ore est mult doi desendenti.

Un orsone suon complet este un orsone dina à codrit conia esta, mod core nu este francé are exact doi des condent!

Exemplu de orsone sinon:

Consideram P & find, onwormed de nivele of ox Sorethy in 19 constant ou P. Se observé as P este equé en 1+ Enothèmes ox Sorethy; ior primul mod (rodoeine) re ofto pe mivelue 1, urono torrele cloud anotheri se ofto pe mivelue 1, urono torrele cloud anotheri se ofto pe mivelue? 2, somo.

Se observo es pt. frecore muel la munoral de moduri de pe

Deci, muononul total de moduri dintrum ordore stuar complet cu l'antique este egal en $\sum_{k=1}^{n} z^{k-1} = z^{k-1}$

Pentru aa um orsere as oiso un onumor est moi more de franze, modurile trebuie to 0188 mumbrel moxim permis de descendenti.

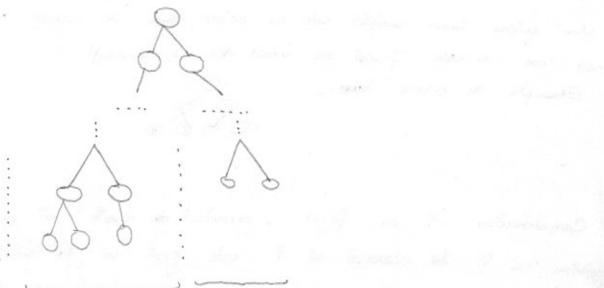
Pentru oberelle din occosto presterno, vom Trærco to construion un osere sunos comptet, on timesta modunton disponisité.

Rezervem inecurdia our noduri = 2-1 5 100 (my overn deast 100 de modura) (1013 pof) 3 P (= 101 = 75 (= 001) 1-25 (=

Cep and more & pt core inegolitates este adevolato este P=6.

Doci puten ostine un orsone stuor comptet ou 63 de noduri, avond 27-1= 32 de founze.

Pentru a felesi tode modunte, vom distribui ate 37 de modun rémode france la existente. Muonoral minim de france pe core putem distribui ouste 17 de modul este 19, deci orsorete adilunt va over un mumor total de 37 + (32-19) = 50



37 france

13 france

was a second of the second of

```
Su Stectof IT
1. Agorthmus descris to pseudocad determines, pentru au ont motural memal dot
 M, cote dintre parachile de divisori (RI, 01/2) contin elemant en occosi
   ex: pt. m= 36, percente our (1,36), (3,18), (3,12), (4,9), (6,6) si nuomonul
 de Jejemente de occept. Loutge este édog on 5
   beregu on
 0) 37
  101 (8
     # include e iostrooms
       Usting momespose std;
       (Intom tons
```

1 mt &, on, a, b; R=0; a=1; cimmo, while (a tarsm) (0== 00/m/li b= m/ai 17 (a %2== 8%2)

Rutti

cout << hi;

```
citeste on
  Pu € 0
  pentra a+ 1, [ Im] executo
   -doco on lea = otunci
      Secono]
     - does a%2=8%2 dunci
        En & Enti
 serie Ri
 for (1=0; i< D. mr Hatere; itt)
   ('A' == [0] and une [1] ]== (A')
      Quan + = DOFEIJ. diomen Hume;
₹.
  Sac Pa information
SuStectur II.
· # include = instrumon>
    иния потежью эфі
```

int motion [50][50], Par[50], col[50], N;

arms another [13643;

(1== [i Il i I softom) [i

(i++[i]900; ++[i]mA

(miom tui

¿ cimso N:

for lost i= 0; i< N; it)

for (Int 3=0: 3< N: 3+1)

```
for ( int i = 0; i < N; i+1)

for ( int j = 0; j < N; j > 1)

if ( fint i = 0; j < N; i > 1);

for ( int i = 0; i < N; i > 1)

for ( int j = 0; j < N; i > 1);

cout < mother CiJCjJ(" );

cout < mother CiJCjJ(" );

return 0;

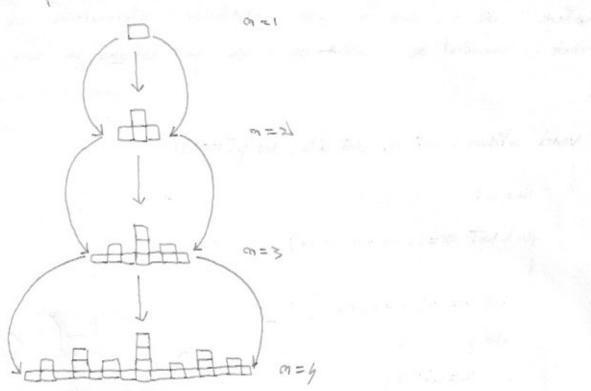
}
```

```
Bronoun avansem ver snow, the is not standamentalist and metalog
de votar de 1 de 40 ferone Pinie, respectiv cataono.
Pentru fecore fluire in porte, verificana doca oceasta me cautine micio
notione de 1, cot à con otrédism etementation de pe occaté
Prise orumeral de volen de 1 de pe callona pe core se 07%.
  void or Prione ( not a, not & Pa, not p [1000])
      for ( nont on=1; on < on ; on++)
        int a=mr, b=m,r;
         k=a% 5;
           (0= 1 ) Slider [
        if( a == 1) P[ gra+] = on.?
3. Configuration approved something as I espe : [
```

Confidencija abymo bonym al = 3 orfo THT

Le esservé à pentru a estime un orumér moxim de etre, sitre oriche des stre de occessi sustime tresure à sur sur en stivé en sustime de est mor mice, det timp est sur respecté constitié pressemei.

Astles, a solutio aptimo pentra un commit mumos no se ostimo dim solution applies pentine on-1, orlingend to mistace configuration do athe Thea a stub de Thôthme on odengom etet la storga, est is la dregata confidencia abymo benju cu-1)



So considercon dono siran (struen) or i (cution) men, ce reproduto volonte commonstal moxim de stre, respectiv de entir pentra o ornamité vollere a fain. Cum pentru a ostine configuratia aptimo pontra m odolugion su stonga ti su desopte configuration aptimos pt. M-1 st plosom In militar Inoi o other de tradition on girtoul must reconsens fulore: Stire = S * 2445 "-1 +1 3 91 2416 = 1

Anotog, pentru sini? cutiin, leutiin = Zx cutiin, +m), ti cuti;=1

Deci, putem determine satistie prosseme; poblisher ne de dous medede recursive, cot to core vom oditine o complexitot de thup fluioro.

Avond in vedere module in one must definit timité, puteu injector de gother o definite a timiter core de depindo door de m, poutre a mezo Pra prostemo in o(1)

$$F = b_{1} \cdot \frac{1 - 2^{m}}{1 - 2} = \frac{m}{z^{m}} \Rightarrow F = \frac{1 - (\frac{1}{z})^{d}}{\frac{1}{z}} + \frac{m}{z^{m}} \Rightarrow F = 2(1 - \frac{1}{z^{m}}) + \frac{m}{z^{m}}$$

$$= \sum_{i=1}^{2^{m}} \frac{1 - 2^{m}}{z^{m}} = \sum_{i=1}^{2^{m}} \frac{1 - (\frac{1}{z})^{d}}{z^{m}} \Rightarrow F = 2(1 - \frac{1}{z^{m}}) + \frac{m}{z^{m}}$$

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$$= \sum_{i=1}^{2^{m}} \frac{1 - (\frac{1}{z})^{d}}{z^{m}} \Rightarrow F = 2(1 - \frac{1}{z^{m}}) + \frac{m}{z^{m}} \Rightarrow F = 2(1 - \frac{1}{z^{m}}) +$$

ImaRude < fotreoon>

ifotreom for (" boc. +x+");

(Just moint)

int on; finson;

cout« ((«(m+1))=n-2;

Legares o.