62021_04

Inhiched I

1 - d. , As-

$$\begin{cases} (1234) = 0 + 4 + 1(123) = 4 \end{cases}$$

$$\int_{0}^{1} (123) = 1 \cdot 3 + \int_{0}^{1} (12) = 3 + 1 - q$$

$$f(12) = 0.2 + f(1) = 1$$

$$f(n) = 1 \cdot 1 + f(0) = 1$$

11-21, 1-21,

11 programal Jace Juma ey, impare adica din 1234, 1+3=4

3. a)
$$4.c)$$
 5. $4 60 \times 2$
 $1-11$, $2-12$, $3-13$, $4-14$, $5-15$,

 $6-16$, $4-14$, $8-18$, $4-19$, $10-20$, $1/1$
 $11-21$, $1-21$;

```
Subjected 1
1. a) 3-4-8-8-15- L) 1,1,1; 11,2;
# include < iastrum)
wing namespace sod;
ind main () {
     in 1 m, x, y;
      Cim 22 M,
      cm >> m >> y ;
      bool of a falx;
      for (if i=1; i < m; i++) {
          y ((1% x ==0 28 1 % y 1 =0) {
          11 (1.10x!=0 & & i.1.4==0)) {
             rand 22 i 22 1 1 !
              Oh = true 1
     14 (oh) { rout ex o ec;}
     Refish o;
```

2/

Void enbari (int m) {

int No E1000] int rot [1000),

for (int i = m ; i > 0 | itt) { int 9 = 1!

for (int 1=0 | i < m | i++) { Rez [i] = 9 * 9 * 9 ;

10 (int 1 = n (i > 9 ; ift) { cont = net [i-1] / 20 1/3/

int include <bolivour> wing namespea stol! int main () { ul ki int mi cin >) (2) m! Jab [1000][1000) for (int 1 50 ; [Lm / il+) { Lab Ci)[i] = (i+1).k for (int 1 = 0 / 1 < m / itt) { for (int 3 =0 / 8 < m / 8++) { tatelles) = tates = tablists Listisal Lister Lab [i] [i] - Lob Zi) [i] + (j-i) $-(\lambda-\lambda)$ fox(inti =0; i < n + m) itt) { contadab [i /m] [i o/an] cc " "] if (m % i % m == 0 # 28 m = 0) { cont << 11 m1 } I return o!

Scanned by Easy Scanner

Hincholy (losbum) # Include \ Jistream > ving namespace od; book is - asembrea (int x, int y) { X = X % 100 | Y = Y % 100 | int inv = (x % 10) * 10+ x/10; if (x - - 4 Town (x = -4 11 x = 1 = inv) ! I int prex [10 coo); int fu_a [1000); it fv_b[10000]; it ma; int mb; im fines mass mb; for (int i = a; i < ma; itt) { int = 0; eins x/ fin >> X) fucto fra [x] H /] for (Int & = 0 / & < mb / & + L) of int y=0/ fin >> 4 ! 80-6 [7] ++ 13 int s=01 for (int ks 10; k < 100; k++) { int in = (h 7/. 10) * 10 + k/10] St- fv-a [ta] * jv-b[R]; + fv-a[k]*jv-b[n]; 3+= {V-a [b] + {v-b [iv]; St=(8 St= fu_a[k] * fu_b[k] + ju- a Lk) * jub[iv];} count LC 31 Noturn c; }

Algoritmul functiones 20 pe basa faptuli co, pertu proprietates discutato, impolante sunt dos ultimels.

2 ci pre ale oricaria munici citi l'agramul de ai
citiste doste numerale dispose à fisies d'unemorare door pecounte j'ecomi secunte de 2 cijne de la fâssiful numaralii (a gistant mi vecter en 30 de positii inpolante), den fiser. Luand in considerare model de alegere al perichelar programmel apai ileriare peste victorio de frecuente si insumeros perechile prin barra produsilar. sufficient west din primal vector (gv-a) a sufferil din eel de d'aika (qub), côt se en inversul bi din gv-b. Programal dea Ensumease door la fied programal especial de perechi donts, stocato la registral 8. Programul este eficient din punct de veders al Limple de executor recutare desarrece parange minimel meson de instructioni pendre a citi valorile fisienti (natrol), facard apai door in munor constant de 100 de posi pentre a ndeplini cerinta. Credil de complexible al programmli este asold (0(m) mole n = (na + nb).