|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M** | **N** | **X** | **S** | **PM** | **PN** |
| 21  22 | 38  37 | 4 | 0 | 1 | 1 |
| 22  23 | 37  36 |  |  |  |  |
| 23  24 | 36  32 |  | 36 |  | 4 |
| 24  28 | 32  28 |  | 92 | 4 | 4 |
| 28  32 | 28  24 |  | 120 | 4 |  |

1. Scrie 120
2. 2020,4039

**c .**

#include <iostream>

using namespace std;

int main(){

int m, n, x, s, pm, pn;

cin >> m >> n >> x;

s = 0;

pm = 1;

pn = 1;

do{

if(m % x == 0){

s = s + m;

pm = x;

}

if(n % x == 0 && m != n){

s = s + n;

pn = x;

}

m = m + pm;

n = n - pn;

}while(m <= n);

cout << s;

return 0;

}

**d.**

citește m,n,x

(numere naturale nenule, m≤n)

s0; pm1; pn1

│┌dacă m%x=0 atunci

││ ss+m; pmx

│└■

│┌dacă n%x=0 şi m≠n atunci

││ ss+n; pnx

│└■

│ mm+pm

│ nn-pn

┌while(m <= n)

│┌dacă m%x=0 atunci

││ ss+m; pmx

│└■

│┌dacă n%x=0 şi m≠n atunci

││ ss+n; pnx

│└■

│ mm+pm

│ nn-pn

└

scrie s

**2.**

struct parcare{

int id, numar, pret;

}p[20];

**3.**

int i, a[5][7];

for(int i = 0; i < 5; i++){

cout << i;

}

**Problema de data trecuta**

#include <iostream>

#include <fstream>

using namespace std;

ifstream fcin("bac.txt");

int main(){

int n, max = -1, ok, vecin;

while(fcin >> n){

if(n > max){

max = n;

cout << n << " ";

ok = 1;

}else if(n == vecin && ok == 1){

cout << n << " ";

ok = n;

ok = 1;

}else ok = 0;

vecin = n;

}

return 0;

}