https://github.com/MeDoByXa3890/-

#include <iostream>

#include <stdlib.h>

using namespace std;

void gcd(int a, int b) {

if (a > b) {

while (b) {

a %= b;

swap(a, b);

}

cout << a << endl;

}

if (b > a) {

while (a) {

b %= a;

swap(b, a);

}

cout << b << endl;

}

}

long int fibo(int n) {

if (n == 0) return 0;

else if (n == 1) return 1;

else return (fibo(n - 1) + fibo(n - 2));

}

int main()

{

int m;

while (true) {

cout << "Input task number: ";

cin >> m;

switch (m) {

case 0:

return 0;

case 1: {

int a, b;

cin >> a >> b;

cout << endl;

int c = a-b;

int d = b;

for (int i = 0; i <= a-b; i++) {

for (int j = 0; j < d; j++) {

cout << d << " ";

}

cout << endl;

d++;

}

}break;

case 2: {

int a, b;

cin >> a >> b;

while (a > b) {

a = a - b;

}

cout << a << endl;

}break;

case 3: {

int n, l = 1, i = 1;

cin >> n;

while (n > l) {

i++;

l = l + i;

}

cout << i << " " << l << endl;

}break;

case 4: {

float s = 1000, p, i = 0;;

cin >> p;

while (s < 1100) {

i++;

s = s + s \* p / 100;

}

cout << i << " " << s << endl;

}break;

case 5: {

int a, b;

cin >> a >> b;

gcd(a, b);

}break;

case 6: { int a, n = 1, xk, xk1;

cout << "input N" ;

cin >> a;

while (1) {

xk1 = fibo(n);

xk = fibo(n + 1);

if (xk1 <= a && a < xk)

break;

n++;

}

cout << "N=" << n << endl;;

}

}

}

}