Problem J. Sequences tical numbers into one segment)
 repeated. We write these pairs sequentially in accordance with the segments from left to right

No. Sequence How to read it (words in the description correspond to the numbers of the No. Sequence How to read it (words in the description correspond to the
current sequence from left to right, and describe the previous sequence)

2

534112
12 One "deuce"
1112 One "one", one "two"
$\begin{array}{lll}3 & 1 & 1 \\ 1 & 2 & \text { Three "ones", one "two" } \\ 1 & 1 & \text { One "three", two "ones", one "two }\end{array}$
1 ,
1,
21,

1112,
3112,
211213,
312213,
212223,
114213,
41122314
31221314

| server1 |
| :--- | :--- |
| php 5.2 |
| programm1 |$\quad$| server2 |
| :--- |
| php 5.21 |
| programm1 |

idea1 There are no miracles in programming!
$\underset{21}{\text { output }}$ idea1 Programming like painting!
$\underset{2}{\text { outpu }}$
server2
programm1
d sequences (int initialvalue, int amountofsteps)
rray1 $001=$ initialva

buffer $=\operatorname{array1}[\mathrm{i}] ;$
buffercounter+t;
else if (arrayi[i] == buffer) , // first number encountered, remember and start counting

```
else if (array1[i] != buffer) (
```

        array2 [counter2] \(=\) buffercounter;
        array2 2 [counter 2 ] \(=\) bufferCou
    counter2 $2+;$
array2[counter2] $=$ buffer;
counter2++;
buffer $=\operatorname{array}[\mathrm{i}]$,
buffercounter $=0$,
bufferCounter $=0$;
if (buffer $==0$ )
break;
buffercountert+;
// std::cout << "buffer = "<< buffer << std: :endi;
// std::cout << "buffer = "<< buffer << std: :endi;
// std::cout <<"counter2 $=$ " $\ll$ counter2 < std: : end1
( printarray (array2, counter2) ;
/ std: :cout << "buffer = "<< buffer << std: : end1;
std: : cout << "counter2 $=$ "<< counter2 << std: end
printarray (array2, counter2)
counter $=$ counter2;
counter $2=0$
Soffer $=-1 ;$

$\begin{aligned} & \operatorname{for}(\text { int } j=0 ; j<1000 ; j+ \\ & \operatorname{array1}[j]=\operatorname{array2}[j] ;\end{aligned}$
$\operatorname{array2}[j]=0 ;$
printarray (array1, counter) ;
amountofsteps--;
 std: :cout <<"buffer = "<< buffer << std: endil buffer $=\operatorname{array} 1[\mathrm{i}]$;
else if (arrayl[i] == buffer) / //first number encountered, remember and start counting buffercountert;
buffer $=\operatorname{array}[i]$
bufercounter $=0 ;$

