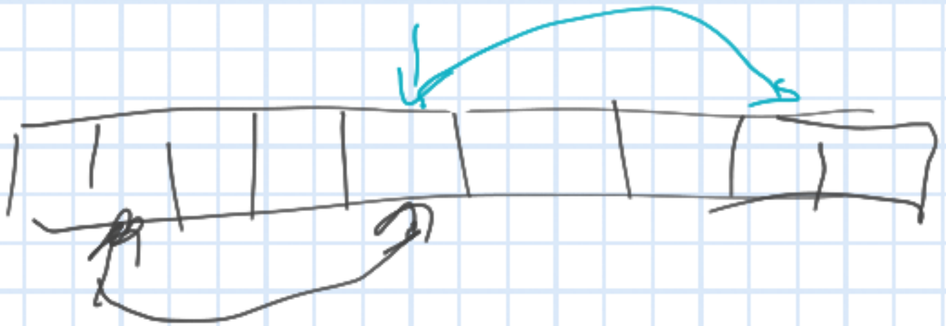


7 5

3 4 4 5 1

2 4 2 4 2

2 6 8 7 3 5 4 1

2 6 8 7 4 5 3 1

2 6 8 7 4 1 3 5

5 3 1 — мин число, больше 4

5 1 3

3 1 5

2 5 4 3 1

по возраст.

2 5 1 3 4

1 2 . . . . . 10

1 2

1

⋮

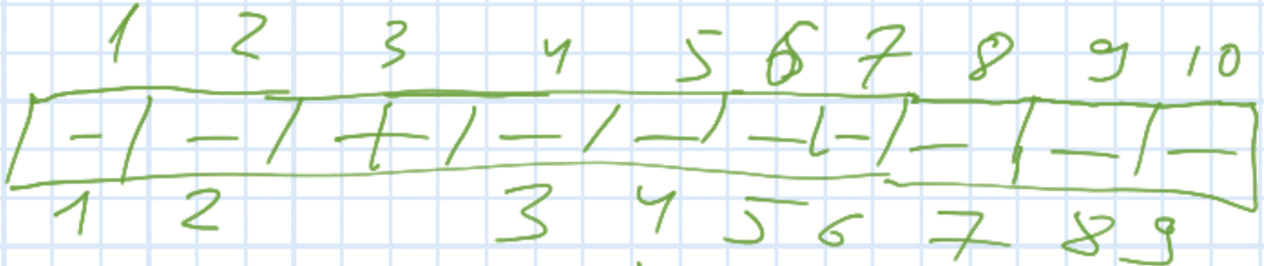
1

2 3

2 3

⋮

2




$$1 \leq K \leq 9! - 1$$

$$9! + 1 \leq K \leq 2 \cdot 9! - 2$$

$$9 \cdot 9! + 1 \leq K \leq 10! - 10$$

$N = 10$ 3

fib → [0] — числа Фибоначчи

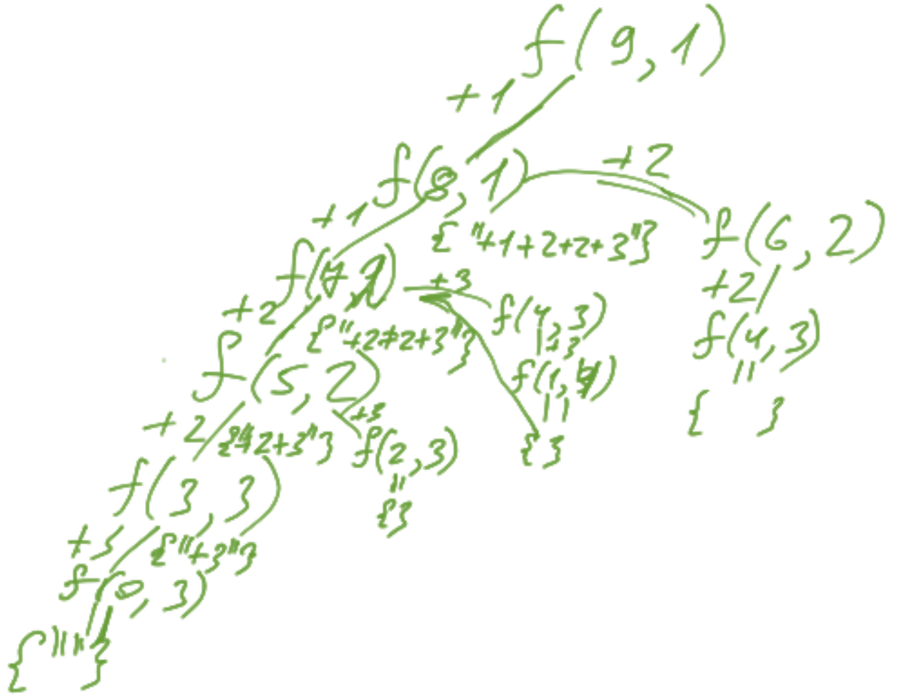
count → [0] — количество использований числа Фибоначчи

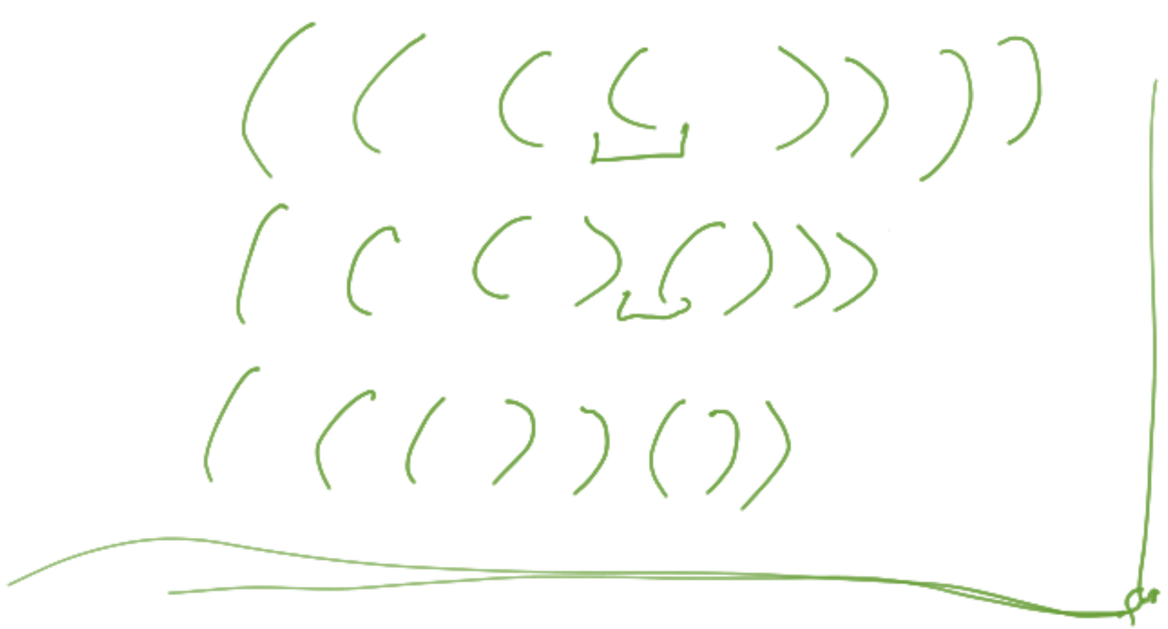
$n = 9$

$k = 2$

1 2 3 5 8

```
f(S, i), if(S == 0)
    return {""};
for j i, n
    counter[j]++;
    f(S-fib[j], i, i+1)
```



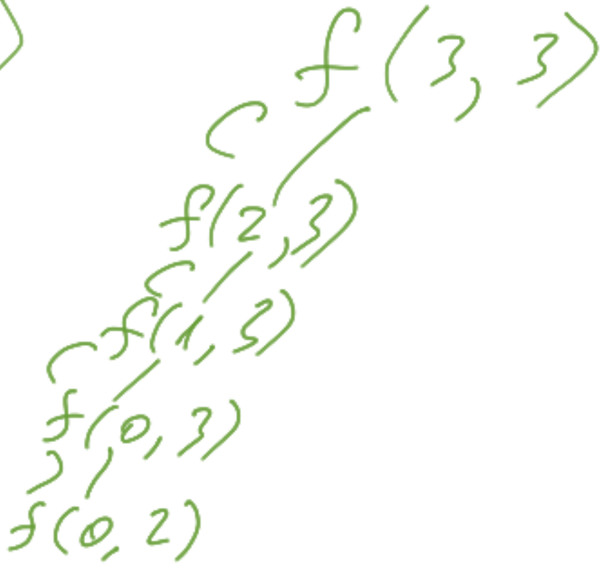


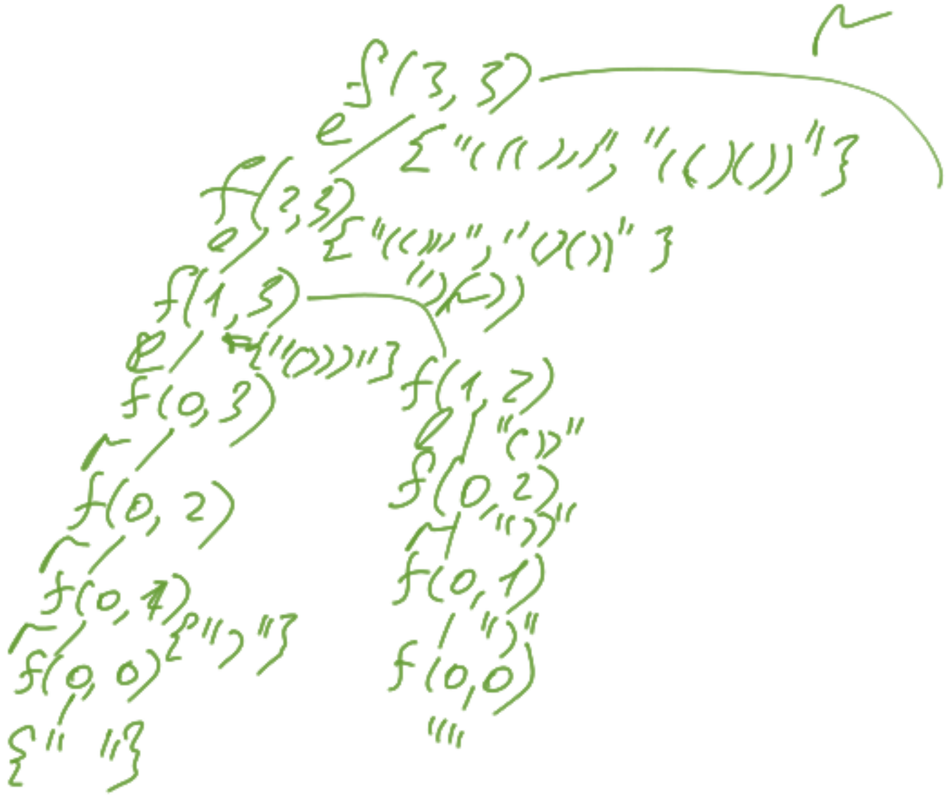

f(n, n)

f(l, r)

if(l>0)
f(l-1, r)

if(r>0)
f(l, r-1)




f(3, 3)
{"((()))", "(()())"}
f(2, 3)
{"(())", "()()"}
f(1, 3)
{"()))"}
f(0, 3)
f(0, 2)
f(0, 1)
{")"}
f(0, 0)
{" "}
f(1, 2)
"())"
f(0, 2)
"))"
f(0, 1)
")"
f(0, 0)
""