<< Nth cycle-permutation >>

find next Nth cycle-permutation order start sequence with 0

::input

have 1000 sub-problem !!!

for every sub-problem

1 st line : input 2 variant : 1<= sz <=20 , 0<= shuf <=LONG_LONG_MAX

2 nd line : input sz varient : INT_MIN <= Ai <= INT_MAX

::output

for every sub-problem

1 st line : #{first array} is permutation no. #{number of permutataion}

2 nd line : #{ans array} is permutation no. #{number of permutataion} + #{shuf}

::example

4 0 1 2 3 4	1 2 3 4 is permutation no. 0 1 2 3 4 is permutation no. 0 + 0
4 1 1 2 3 4	1 2 3 4 is permutation no. 0 1 2 4 3 is permutation no. 0 + 1
4 1 1 4 3 2	1 4 3 2 is permutation no. 5 2 1 3 4 is permutation no. 5 + 1
4 19 1 4 3 2	1 4 3 2 is permutation no. 5 1 2 3 4 is permutation no. 5 + 19
4 23245672 1 4 3 2	1 4 3 2 is permutation no. 5 4 2 3 1 is permutation no. 5 + 23245672
5 1 -10 -5 0 10 5	-10 -5 0 10 5 is permutation no. 1 -10 -5 5 0 10 is permutation no. 1 + 1