

SUBTASKS

For all cases:

$1 \leq N \leq 2 \times 10^5$.

It is guaranteed that $H_{1..N}$ is a permutation of $1 \dots N$.

	Points	Constraints
1	10	$N = 2$
2	17	$1 \leq N \leq 50$
3	24	$1 \leq N \leq 2000$
4	19	It is guaranteed that the bird can always escape
5	30	No additional constraints