

41st Petrozavodsk Programming Camp, Summer 2021 Day 3: IQ test by kefaa2, antontrygub O_- o, and gepardo, Wednesday, August 25, 2021



Problem Tutorial: "AND"

Firstly, it is easy to see that the AND of all numbers in b is equal to the AND of all numbers in a, so it should also lie in b. Let us call this number x. If this condition holds, it is easy to construct the following answer:

 $b_1, x, b_2, x, \dots, b_{n-1}, x, b_n$