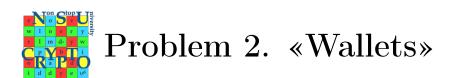
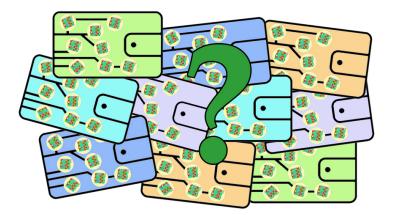
International Olympiad in Cryptography NSUCRYPTO'2022First roundOctober 16Section A



Bob has a wallet with 2022 NSUcoins. He decided to open a lot of new wallets and spread his NSUcoins among them. The platform that operates his wallets can distribute content of any wallet between 2 newly generated ones, charging 1 NSUcoin commission and removing the initial wallet.

He created a lot of new wallets, but suddenly noticed that all of his wallets contain exactly 8 NSUcoins each. Bob called the platform and told that there might be a mistake. How did he notice that?





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