ZK.one Background Assignment

- 1. Screenshot and code attached in repository:
 - a. https://github.com/chadlohrli/zkone/blob/main/zero/helloworld.png
 - b. https://github.com/chadlohrli/zkone/blob/main/zero/helloworld.sol
- 2. Improved Ballot code
 - a. https://github.com/chadlohrli/zkone/blob/main/zero/improved_ballot.sol#L60
- 3. Gas Optimizations for 10 given rights to vote
 - a. Before: https://github.com/chadlohrli/zkone/blob/main/zero/original_ballot.png
 - i. 48657 gas (per tx) * 10 gas (rights) = 486,570 gas
 - b. After: https://github.com/chadlohrli/zkone/blob/main/zero/improved ballot.png
 - i. 277,283 gas (one tx for 10 rights)
 - c. Total Savings:
 - i. 209,876 gas or 75% savings