Contact Information

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Question 1: Hello World

Github Link*:* https://github.com/markusmak/zku\_background/blob/main/hello\_world.sol

*Code Snippet*

Text

Description automatically generated

*Contract Deployment*

*Graphical user interface, text, application, Teams

Description automatically generated*

Question 2: Ballot

Github Link:https://github.com/markusmak/zku\_background/blob/main/ballot.sol

*Code Snippet*

Text, chat or text message

Description automatically generated

*Contract Deployment*

*Graphical user interface, text, application, Teams

Description automatically generated*

*Function call - giveRightToVote*

*Graphical user interface, text

Description automatically generated*

*Function call - giveBatchRightToVote (10 addresses)*

*Text

Description automatically generated*

*Gas Analysis*

giveRightToVote - 48657 gas

giveBatchRightToVote *-* 257186 gas

giveBatchRightToVoteper address gas *=* 257186/10 = 25718.6

Gas saved = (48657 - 25718.6) / 48657 = **47%**