Brahma Sen <u>bsen@inage-tech.com</u> | brahmapsen#5799

Github Location: https://github.com/brahmapsen/zku

## Question & Answer

Q: What is a smart contract? How are they deployed? You should be able to describe how a smart contract is deployed and the necessary steps.

Ans: A smart contract is a program or computer code that embodies the logic to execute a transaction on the blockchain. A smart contract can be deployed using several tools including REMIX IDE from browser, using Truffle or Hardhat.

Q:What is gas? Why is gas optimization such a big focus when building smart contracts?

Ans: A gas is the fee to the miners who validate the transaction before it could be added to the chain. If the cost of gas is high, execution a transaction would be high so that it may be untenable to execute a particular transaction or series of steps required to complete a business process and negate the while existence of blockchain.

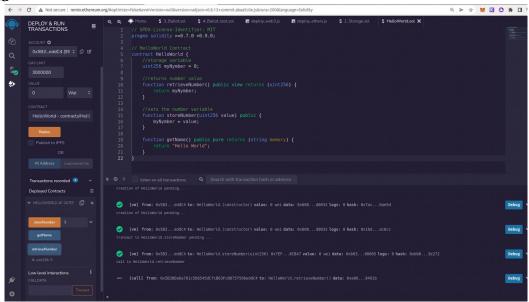
Q: What is a hash? Why do people use hashing to hide information?

Ans: Hash is a way of encrypting the information and potentially make the content short. With hashing the information can be really squeezed and one cannot retrace back the facts from its hash.

Q: How would you prove to a colorblind person that two different colored objects are actually of different colors? You could check out Avi Wigderson talk about a similar problem here.

Ans: There could be a device or application that could read the colors and print the RGB of different colors so that color blind person see the numbers are different.

## HelloWorld



## Ballot:

