

QUESTION: How to implement the following game using Ethereum Blockchain.

1. Alice deposits 10 Eth.
2. Bob deposits 10 Eth.
3. Alice and Bob do a Coin-toss among each other.
4. If Alice wins then the entire 20 Eth will be given to Alice
5. If Bob wins then entire 20 Eth will be given to Bob.

Solution: Step 1: Create all necessary contracts/algos. in the STATE.

Step 2: Describe the protocol that solves the problem.