Multisig Wallet

Step 1: Pragma

Step 2: contract and struct

Step3: Array and mapping formation

Step 4: Constauctor

Step 5: Functions

1. Pragma-

Pragma solidity 10.8.20;

2. Contract and struct :-

Contract Multisig Wallet owners; min Numof Confirmations;

struct Transactions &
to, value, date, executed,
address) (wint) (byte) Cbool
num of Confirmations

uint)





3. Array and Mapping Formation:

Array => Transactions[] public transactions;

Map => mapping (uint => mapping (address => bool))

public

is Confirme;

4. Constauctos:-

2 requires (i) - owners, length >0
(i) owners. length >= min Numof
confirmations

push - owners to main owners array of address.

1 3

5. Functions:

(1) SubmitTransaction (-to, -value, -data) public Sto: _to, value: _ Value, data _data, executed: false, num of Confirmations: 0



(2) Confirm Transaction (-txIndex) public & require (-txIndex> transactions-length)

Transactions storage txn = transactions

[-txIndex]

require (!txn executed);
require (!sconfirmed);

txn. num of Confirmations++;
lsconfirmed [-txIndex] [msg. sendex]-true;

for secciving to our account.

