



Blockchain Projects (Mini)



Simple Wallet

1. pragma
2. contract and struct
3. mapping
4. events
5. modifier
6. functions

1. pragma
pragma solidity >= 0.8.19;

2. contract and struct

```
contract Wallet {  
    struct wallet {  
        owner, amount, time;  
    }  
}
```

3. mapping
(address => wallet) public wallet;

be
nt will
identifying
in acc
t created

4. events
 Deposited
 Withdrawn

5. modifier
 minimum()
 msg.value >= 1 ether

d;

6. functions

```
deposit (public payable minimum)  
withdraw (uint amount) public  
    { userWallet.amount -= amount; }
```

