

Faucet

Write a contract that controls a faucet. A faucet gives out ether to any address that asks and can be refilled periodically.

Any address can withdraw a specific amount by calling the `withdraw(uint256 withdrawAmount)` function provided there is enough balance in contract. A limit of 100 wei per withdrawal is applied. The same address can withdraw multiple times.

The contract can accept any incoming amount from any address. That way the contract can be refilled.

Requirements

- Create a `withdraw(uint256 withdrawAmount)` function
- Create `onlyOwner` modifier
- Create an anonymous payable function
- Create and emit two events:
 - `Withdrawal(address to, uint amount)`
 - `Deposit(address from, uint amount)`
- Create a `destroy()` function that destruct the contract. Only the creator of the contract can call the `destroy()` function.