//SPDX-License-Identifier: GPL-3.0

Pragma solidity >=0.5.0 <0.9.0;

Contract Lottery{

Address payable[] public players;

Address public manager;

Constructor(){

Manager = msg.sender;

}

Receive () payable external{

Require(msg.value == 0.1 ether);

Players.push(payable(msg.sender));

}

Function getBalance() public view returns(uint){

Require(msg.sender == manage,”You are not the manager”r);

Return address(this).balance;

}

Function random() internal view returns(uint){

Return uint(keccak256(abi.encodePacked(block.difficulty, block.timestamp, players.length)));

}

Function pickWinner() public{

Require(msg.sender == manager);

Require (players.length >= 3);

Uint r = random();

Address payable winner;

Uint index = r % players.length;

Winner = players[index];

Winner.transfer(getBalance());

Players = new address payable[](0);

}

}