**.sol Smart Contract:**

**// SPDX-License-Identifier: GPL-3.0**

**// Assignment 3**

**pragma solidity >=0.8.2 <0.9.0;**

**contract MoneyManager {**

**uint public receivedAmount;**

**uint public timeOut;**

**// Question 1**

**function receiveMoney() public payable {**

**receivedAmount += msg.value;**

**timeOut = block.timestamp + 1 minutes;**

**}**

**// Question 1**

**function getBalance() public view returns(uint){**

**return address(this).balance;**

**}**

**// Question 2**

**function withdrawMoney() public {**

**if(timeOut < block.timestamp){**

**address payable to = payable(msg.sender);**

**to.transfer(getBalance());**

**}**

**}**

**// Question 3**

**function withdrawToAddress(address payable \_address) public {**

**if(timeOut < block.timestamp){**

**\_address.transfer(getBalance());**

**}**

**}**

**// Question 4**

**}**

**/\***

**uint public a**

**uint public b**

**uint public c**

**function multicalc() public {**

**c = a+b; // 3 gas**

**c = a\*b; // 5 gas**

**c = a-b; // 3 gas**

**}**

**\*/**

**Json File:**

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