DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Remix VM (Cancun)

VM

ACCOUNT

0x5B3...eddC4 (99.99999999999785

GAS LIMIT

Estimated Gas

○ Custom   3000000

VALUE

0   Wei

CONTRACT

PassMarksArray - dowhile.sol

evm version: cancun

Deploy

☐ Publish to IPFS

At Address   Load contract from Address

Transactions recorded (12) i   →

Deployed Contracts ①   🗑

∨ PASSMARKSARRAY AT 0XDDA.. ⧉ 📌 ✕

Balance: 0 ETH

addMark   ∧

mark: 90

⧉ Calldata ⧉ Parameters   transact

count

0: uint8: 3

getMarks

0: uint8[10]: 80,60,90,0,0,0,0,0,0,0

passMarks   ∧

:   2

⧉ Calldata ⧉ Parameters   call

0: uint8: 90

Low level interactions   i

CALLDATA

Transact

```
1    // SPDX-License-Identifier: MIT
2    pragma solidity ^0.8.26;
3
4    contract PassMarksArray {
5        uint8[10] public passMarks; // Array to store marks of passing students
6        uint8 public count = 0;     // Counter to keep track of number of stored marks
7
8        function addMark(uint8 mark) public {    📖 infinite gas
9            require(count < 10, "Array is full. Cannot add more marks.");
10
11           do {
12               if (mark > 40) {           // Only accept if mark is greater than 40
13                   passMarks[count] = mark; // Store mark in array
14                   count++;                 // Increment counter
15               }
16           } while (false); // The do-while loop will run only once per function call
17       }
18
19       // Function to retrieve all stored marks
20       function getMarks() public view returns (uint8[10] memory) {    📖 infinite gas
21           return passMarks;
22       }
23   }
24
```

0   ☐ Listen on all transactions 🔍   Filter with transaction hash or address   ⊘

raw logs   [] ⧉

call to PassMarksArray.passMarks

CALL   [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: PassMarksArray.passMarks(uint256) data: 0x1f7...00003   Debug ∨

call to PassMarksArray.passMarks

👋 I'm here to help you!

💡 **Did you know?** You can use the Recorder to record and replay your transactions to any network from the Deploy and Run plugin.

⚠ Scam Alert   Initialize as git repo   RemixAI Copilot (enabled)