

## SOLIDITY ASSIGNMENT(13 NOV)

Q- Remove array element by shifting elements from right to left remove(n) in the comments below indicates remove elements from the nth index of the array.

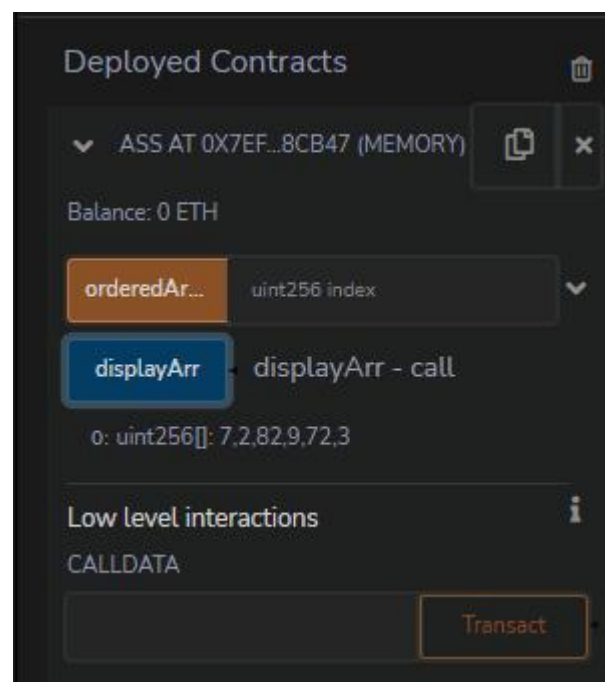
Solution:

```
//SPDX-License-Identifier: MIT
pragma solidity 0.8.7;

contract Ass{
    uint[] arr =[7,2,82,9,72,3];
    function displayArr() public view returns(uint[] memory)
    {
        return arr;
    }
    function orderedArray(uint index) public{
        for(uint i = index; i < arr.length-1; i++){
            arr[i] = arr[i+1];
        }
        arr.pop();
    }
}
```

Output:

Before popping:



After Popping:

Deployed Contracts

ASS AT 0x7EF...8CB47 (MEMORY)

Balance: 0 ETH

orderedAr...

2

displayArr

displayArr - call

0: uint256[] 7.2.9.72.3

Low level interactions

CALLDATA

Transaction

17  
18  
19

arr.pop();  
}  
}

0

☐ listen on all transactions

Search with transaction hash or address

CALL

[call] from: 0x58380a6a701c568545dCfc803Fc8875f56beddC4 to: Ass.displayArr() data: 0xb12...b2414

Debug

transact to Ass.orderedArray pending ...

✓

[vm] from: 0x583...eddC4 to: Ass.orderedArray(uint256) 0x7EF...8CB47 value: 0 wei data: 0x3c5...00002 logs: 0

hash: 0x651...6ac2b

call to Ass.displayArr

Debug

CALL

[call] from: 0x58380a6a701c568545dCfc803Fc8875f56beddC4 to: Ass.displayArr() data: 0xb12...b2414

Debug