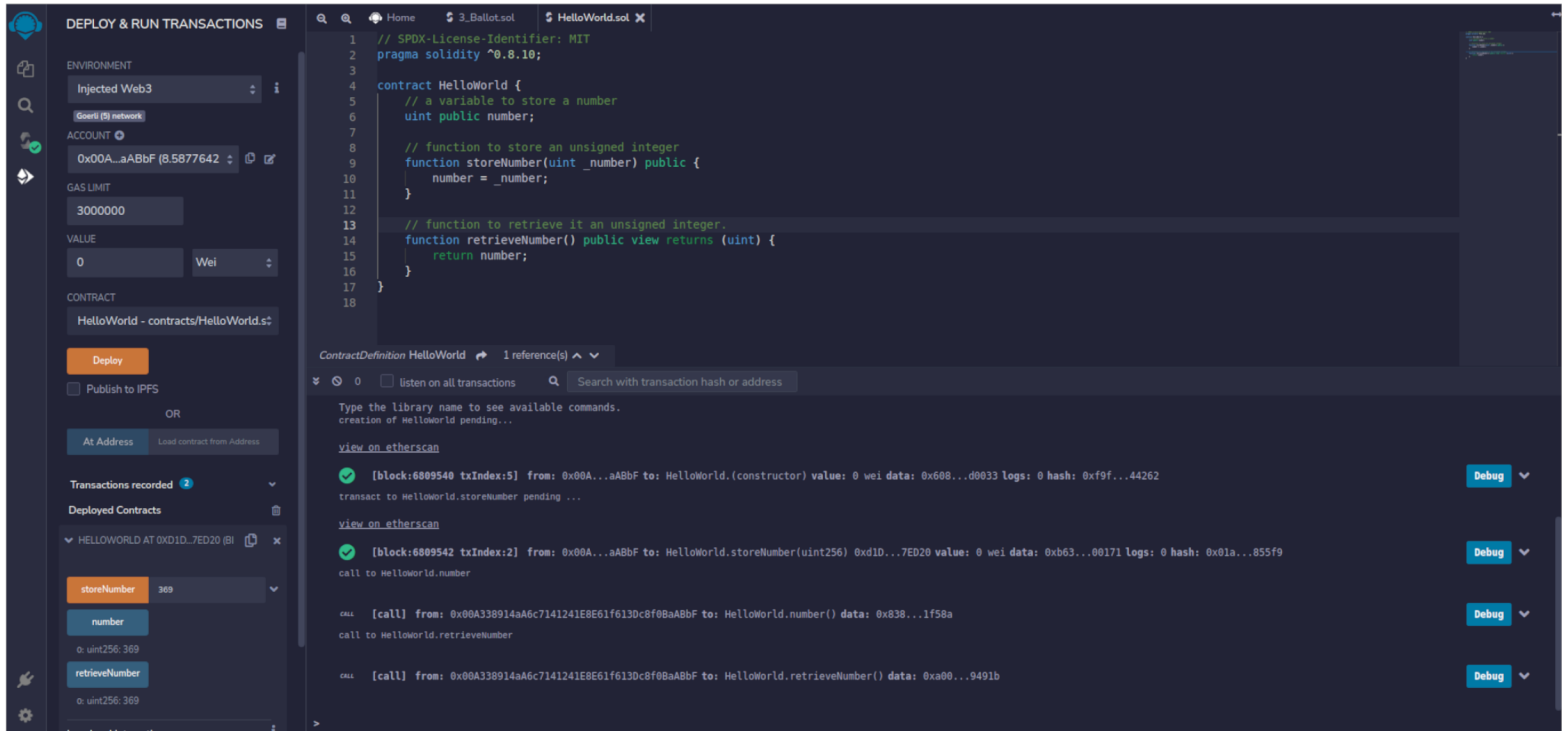


Background Assignment

carlos guimaraes

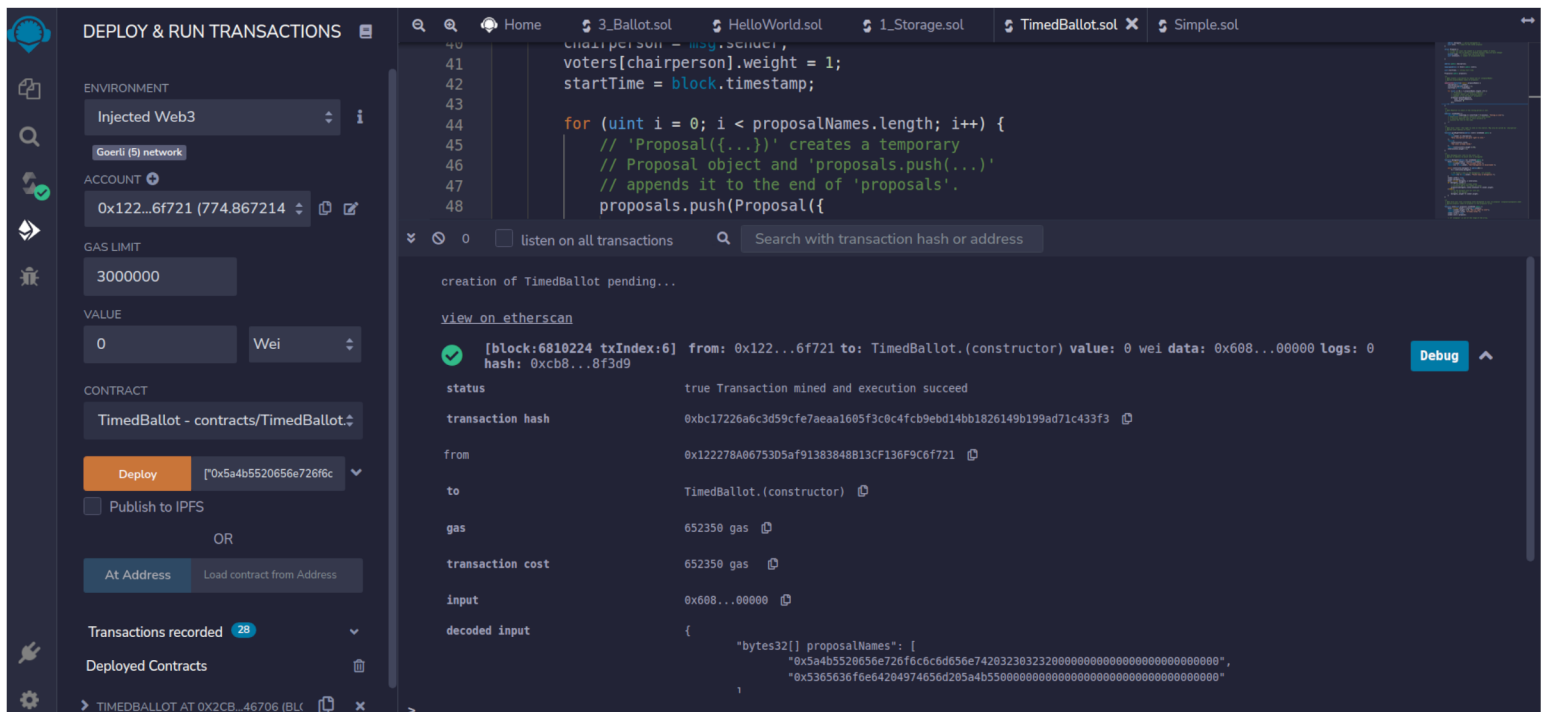
ZKU (the next cohort to start on May 2, 2022)

1) hello world task



<https://gist.github.com/sekmet/afa698265373f70bf44031c1ade9102a>

2) timed ballot task



<https://gist.github.com/sekmet/a0a70d086a1344f14250e1ecab78ce69>

2) timed ballot task

The screenshot shows the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel displays the 'TIMEDBALLOT' contract at address 0x2CB...46706. The 'vote' function is selected with a value of 1. The 'winningPropo...' field shows '0: uint256: winningProposal_1'. The main editor shows the Solidity code for the TimedBallot contract, with the 'vote' function highlighted. The right panel shows the transaction details for [block:6810238 txIndex:3] from 0xb60...B2e3b to TimedBallot.vote(uint256) 0x2CB...46706. The transaction status is 'true Transaction mined and execution succeed'.

```
40 chairperson = msg.sender;
41 voters[chairperson].weight = 1;
42 startTime = block.timestamp;
43
44 for (uint i = 0; i < proposalNames.length; i++) {
45     // 'Proposal({...})' creates a temporary
46     // Proposal object and 'proposals.push(...)'
```

The screenshot shows the Remix IDE interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' panel displays the 'TIMEDBALLOT' contract at address 0x2CB...46706. The 'giveRightToVote' function is selected with a value of 1. The 'winningPropo...' field shows '0: uint256: winningProposal_1'. The main editor shows the Solidity code for the TimedBallot contract, with the 'giveRightToVote' function highlighted. The right panel shows the transaction details for [block:6810245 txIndex:11] from 0x122...6f721 to TimedBallot.giveRightToVote(address) 0x2CB...46706. The transaction status is 'transact to TimedBallot.giveRightToVote pending ...'. Below this, the transaction details for [block:6810245 txIndex:12] from 0x122...6f721 to TimedBallot.vote(uint256) 0x2CB...46706 are shown. The transaction status is 'transact to TimedBallot.vote pending ...'. Below this, the transaction details for [block:6810245 txIndex:13] from 0x122...6f721 to TimedBallot.vote(uint256) 0x2CB...46706 are shown. The transaction status is 'transact to TimedBallot.vote errored: execution reverted: Voting is over'.

```
40 chairperson = msg.sender;
41 voters[chairperson].weight = 1;
42 startTime = block.timestamp;
43
44 for (uint i = 0; i < proposalNames.length; i++) {
45     // 'Proposal({...})' creates a temporary
46     // Proposal object and 'proposals.push(...)'
```

<https://gist.github.com/sekmet/a0a70d086a1344f14250e1ecab78ce69>