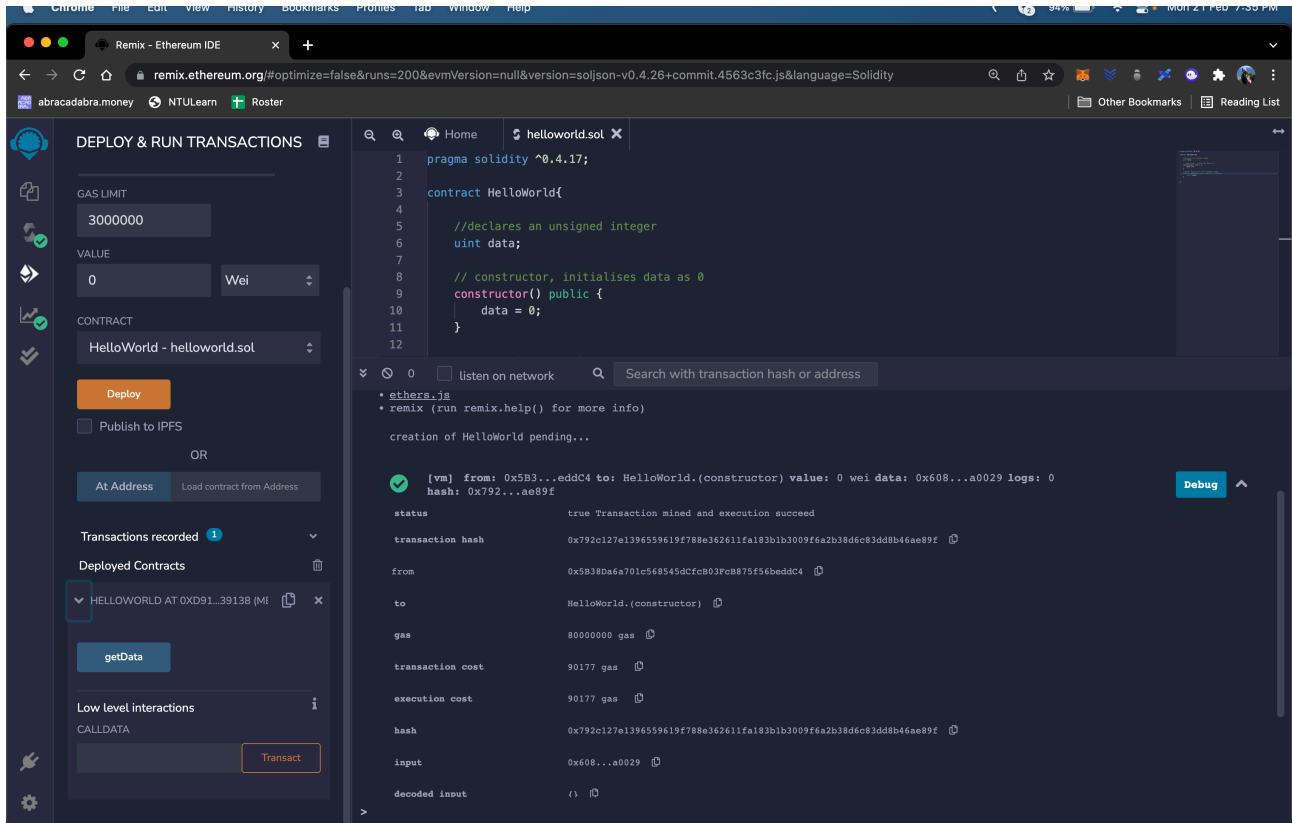


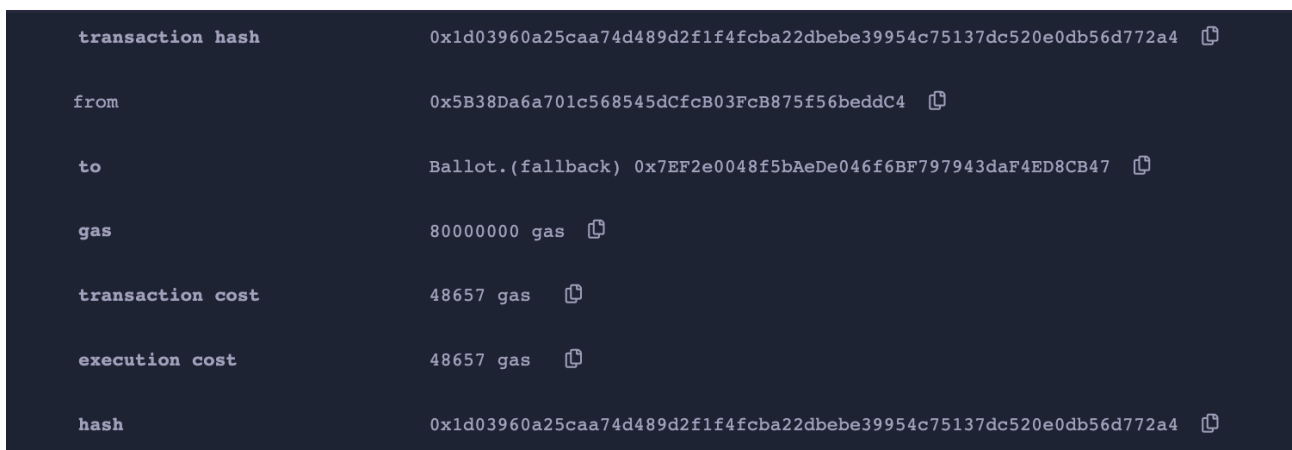
Background Assignment

Discord Username: matthew#2711
Email: matt0046@e.ntu.edu.sg

HelloWorld Deployed



Ballot Before Optimisation



Gas used for giving rights to ONE wallet address: 48,657
Gas used for giving rights to TEN wallet addresses: 486,570

Ballot After Optimisation

to	Ballot.giveRightToVote(address[]) 0x9D7f74d0C41E726EC95884E0e97Fa6129e3b5E99
gas	80000000 gas
transaction cost	279990 gas
execution cost	279990 gas
hash	0x9e5222c7ecd2ea0db7c3949d3b30b29460f3ccd4c5b3bf9a3173ed50a0b7dc6b
input	0x858...c70dc
decoded input	{

Gas used for giving rights to TEN wallet addresses: 279, 990

Source Code: <https://github.com/matthew-chua/ZKU.git>