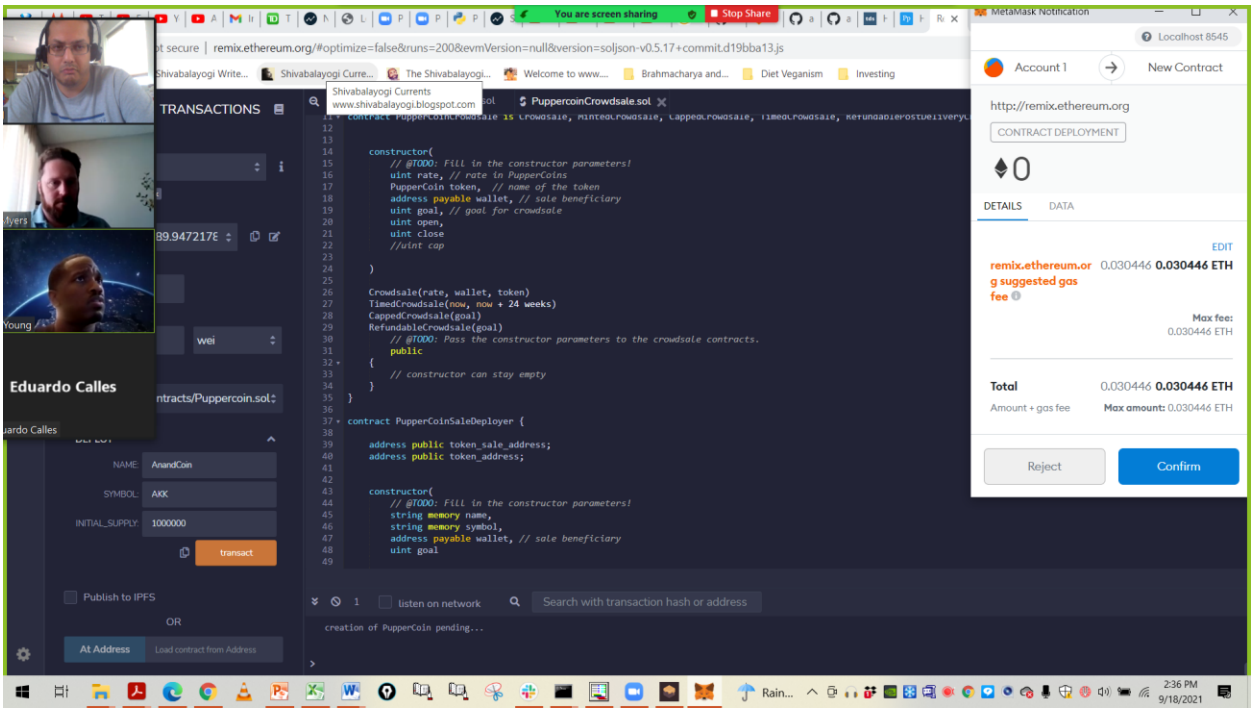
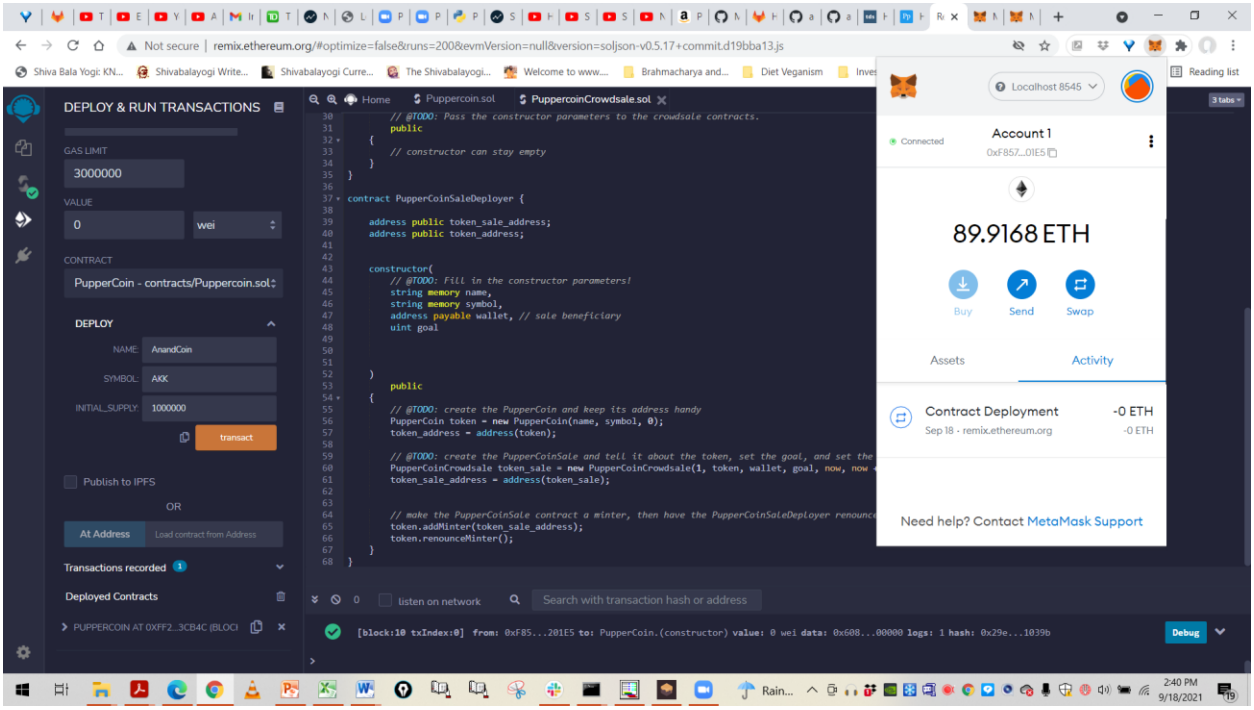
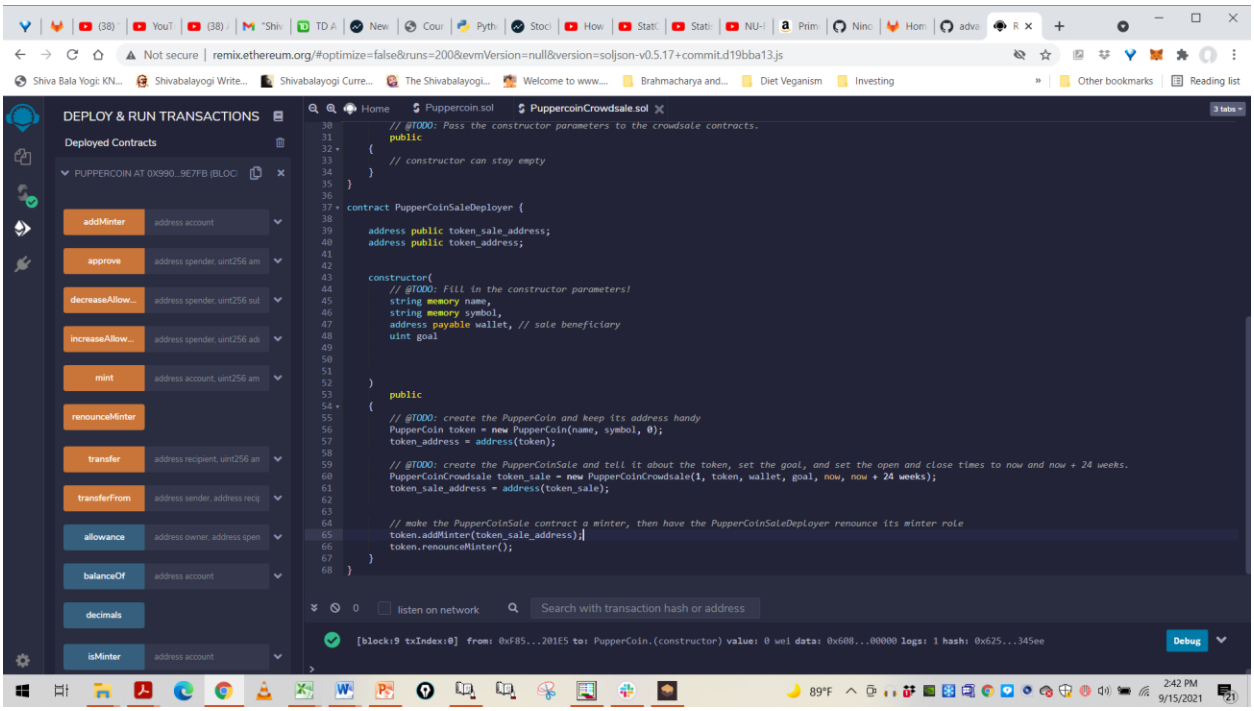
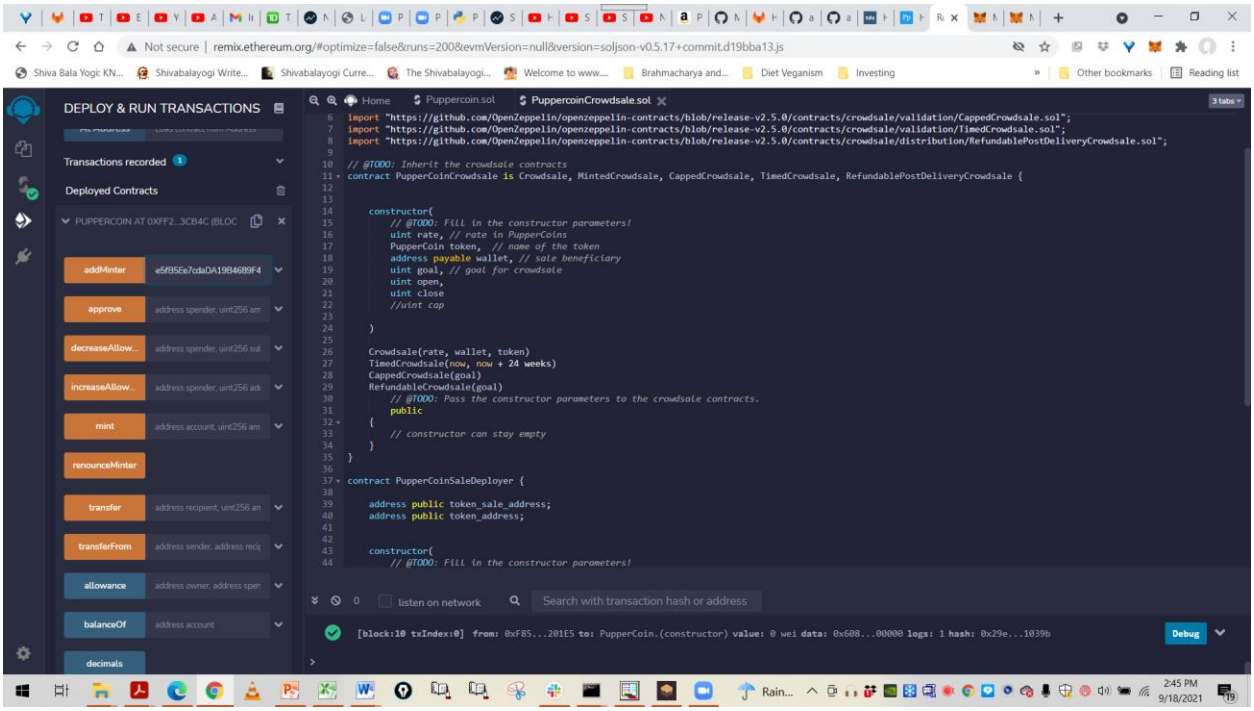
Deploying the pupper coin crowd sale contract, you put in the name and symbol of your coin. In my case I called it AnandCoin with a symbol of AKK and a supply of 1000000. I hit transact and confirm on the metamask and this is the deployed contract:

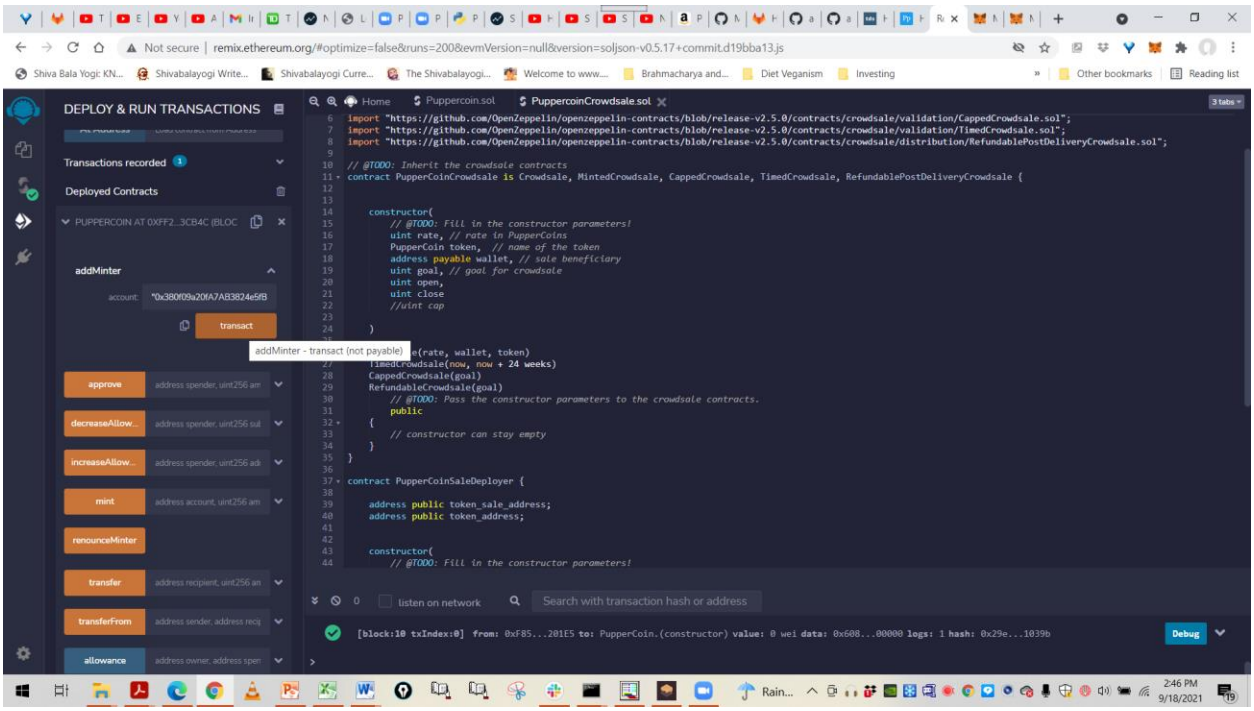


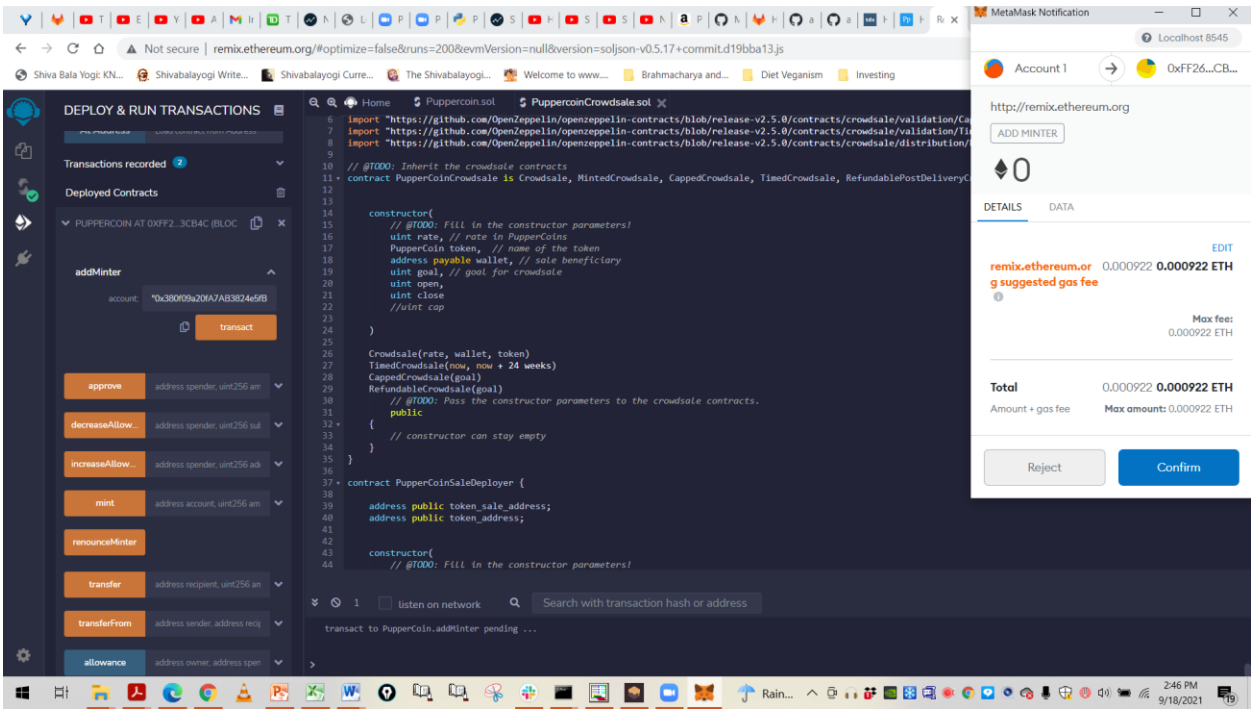


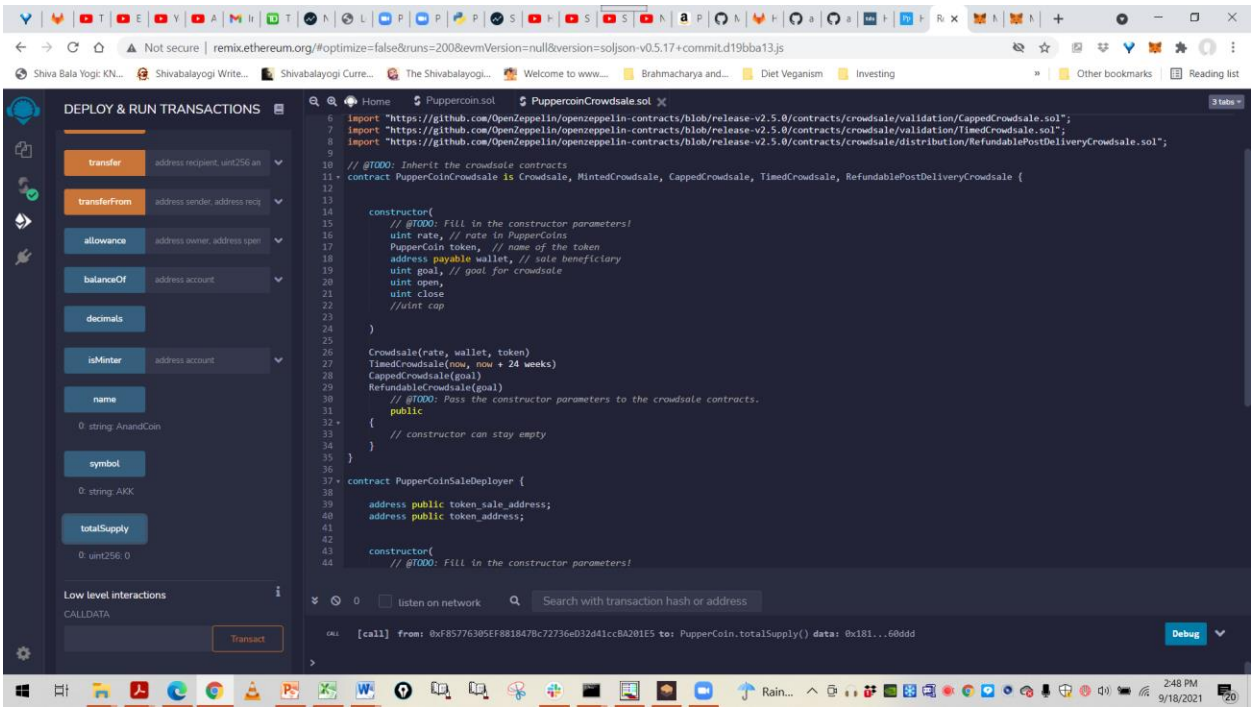

DEPLOY & RUN TRANSACTIONS
Deployed Contracts
addMinter
approve
decreaseAllow...
increaseAllow...
mint
renounceMinter
transfer
transferFrom
allowance
balanceOf
decimals
isMinter
// @TODO: Pass the constructor parameters to the crowdsale contracts.
public
{
// constructor can stay empty
}
}
contract PupperCoinSaleDeployer {
address public token_sale_address;
address public token_address;
constructor(
// @TODO: Fill in the constructor parameters!
string memory name,
string memory symbol,
address payable wallet, // sale beneficiary
uint goal
)
public
{
// @TODO: create the PupperCoin and keep its address handy
PupperCoin token = new PupperCoin(name, symbol, 0);
token_address = address(token);
// @TODO: create the PupperCoinSale and tell it about the token, set the goal, and set the open and close times to now and now + 24 weeks.
PupperCoinCrowdsale token_sale = new PupperCoinCrowdsale(1, token, wallet, goal, now, now + 24 weeks);
token_sale_address = address(token_sale);
// make the PupperCoinSale contract a minter, then have the PupperCoinSaleDeployer renounce its minter role
token.addMinter(token_sale_address);
token.renounceMinter();
}
}
listen on network
Search with transaction hash or address
Debug

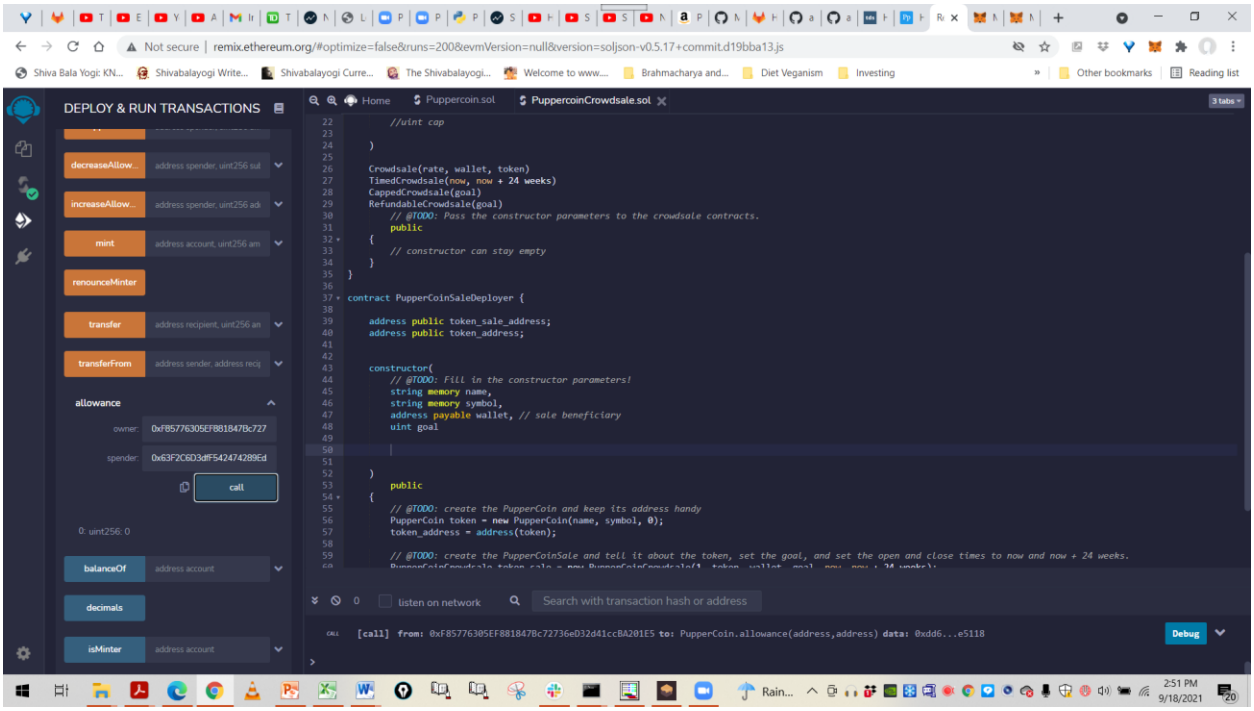
Add minter:

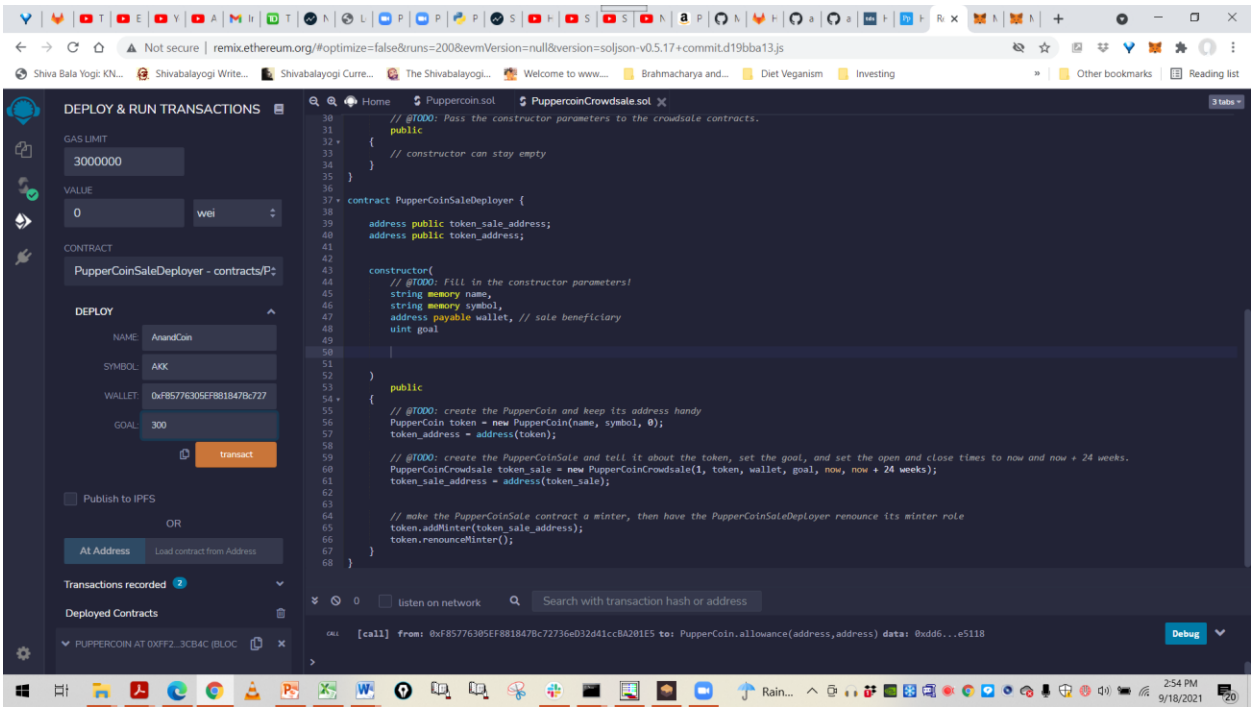

DEPLOY & RUN TRANSACTIONS
Transactions recorded
Deployed Contracts
addMinter
approve
decreaseAllow...
increaseAllow...
mint
renounceMinter
transfer
transferFrom
allowance
balanceOf
decimals
import "https://github.com/OpenZeppelin/openzeppelin-contracts/blob/release-v2.5.0/contracts/crowdsale/validation/CappedCrowdsale.sol";
import "https://github.com/OpenZeppelin/openzeppelin-contracts/blob/release-v2.5.0/contracts/crowdsale/validation/TimedCrowdsale.sol";
import "https://github.com/OpenZeppelin/openzeppelin-contracts/blob/release-v2.5.0/contracts/crowdsale/distribution/RefundablePostDeliveryCrowdsale.sol";
// @TODO: Inherit the crowdsale contracts
contract PupperCoinCrowdsale is Crowdsale, MintedCrowdsale, CappedCrowdsale, TimedCrowdsale, RefundablePostDeliveryCrowdsale {
constructor(
// @TODO: Fill in the constructor parameters!
uint rate, // rate in PupperCoins
PupperCoin token, // name of the token
address payable wallet, // sale beneficiary
uint goal, // goal for crowdsale
uint open,
uint close
//uint cap
)
Crowdsale(rate, wallet, token)
TimedCrowdsale(now, now + 24 weeks)
CappedCrowdsale(goal)
RefundableCrowdsale(goal)
// @TODO: Pass the constructor parameters to the crowdsale contracts.
public
{
// constructor can stay empty
}
}
contract PupperCoinSaleDeployer {
address public token_sale_address;
address public token_address;
constructor(
// @TODO: Fill in the constructor parameters!
listen on network
Search with transaction hash or address
Debug

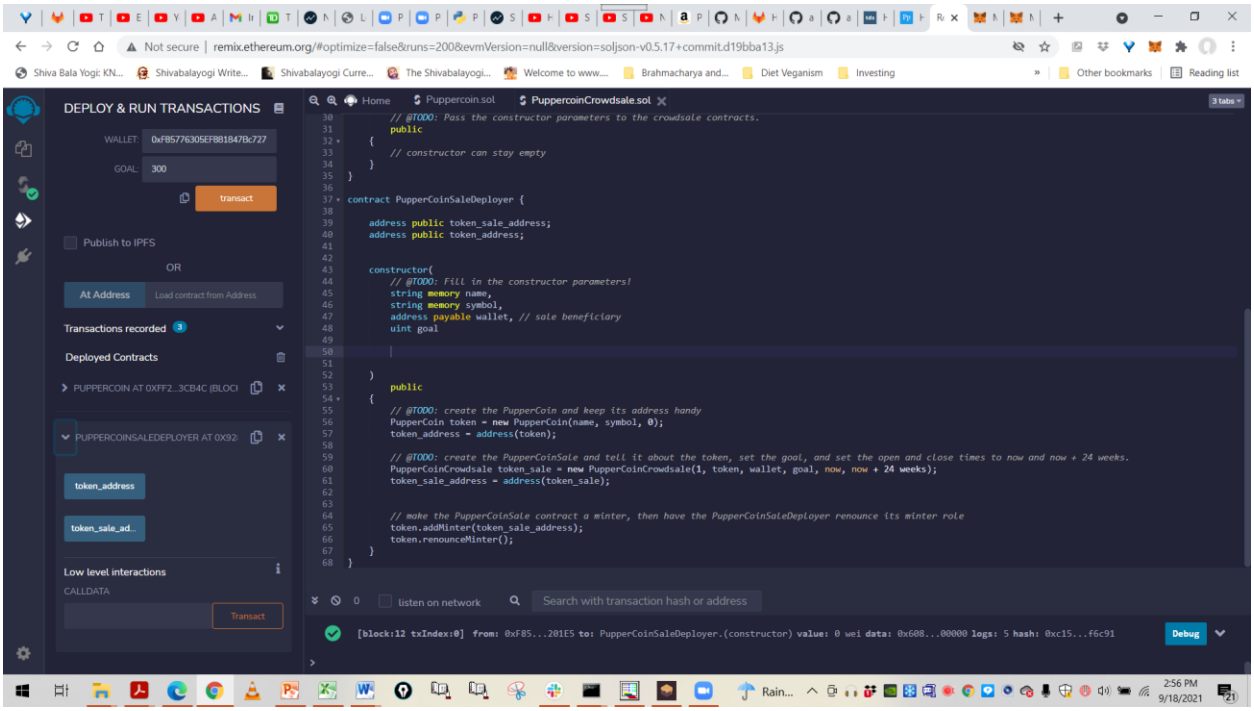

DEPLOY & RUN TRANSACTIONS
Transactions recorded 1
Deployed Contracts
PUPPERCOIN AT 0XFF2...3CB4C (BLOC
addMinter
account: "0x380f09a20fA7AB3824e5fB
transact
addMinter - transact (not payable)
approve
decreaseAllow...
increaseAllow...
mint
renounceMinter
transfer
transferFrom
allowance
Home
Puppercoin.sol
PuppercoinCrowdsale.sol
3 tabs
import "https://github.com/OpenZeppelin/openzeppelin-contracts/blob/release-v2.5.0/contracts/crowdsale/validation/CappedCrowdsale.sol";
import "https://github.com/OpenZeppelin/openzeppelin-contracts/blob/release-v2.5.0/contracts/crowdsale/validation/TimedCrowdsale.sol";
import "https://github.com/OpenZeppelin/openzeppelin-contracts/blob/release-v2.5.0/contracts/crowdsale/distribution/RefundablePostDeliveryCrowdsale.sol";
// @TODO: Inherit the crowdsale contracts
contract PupperCoinCrowdsale is Crowdsale, MintedCrowdsale, CappedCrowdsale, TimedCrowdsale, RefundablePostDeliveryCrowdsale {
constructor(
// @TODO: Fill in the constructor parameters!
uint rate, // rate in PupperCoins
PupperCoin token, // name of the token
address payable wallet, // sale beneficiary
uint goal, // goal for crowdsale
uint open,
uint close
//uint cap
)
e(rate, wallet, token)
TimedCrowdsale(now, now + 24 weeks)
CappedCrowdsale(goal)
RefundableCrowdsale(goal)
// @TODO: Pass the constructor parameters to the crowdsale contracts.
public
{
// constructor can stay empty
}
}
contract PupperCoinSaleDeployer {
address public token_sale_address;
address public token_address;
constructor(
// @TODO: Fill in the constructor parameters!
listen on network
Search with transaction hash or address
[block:10 txIndex:0] from: 0xF85...201E5 to: PupperCoin.(constructor) value: 0 wei data: 0x608...00000 logs: 1 hash: 0x29e...1039b
Debug
2:46 PM
9/18/2021

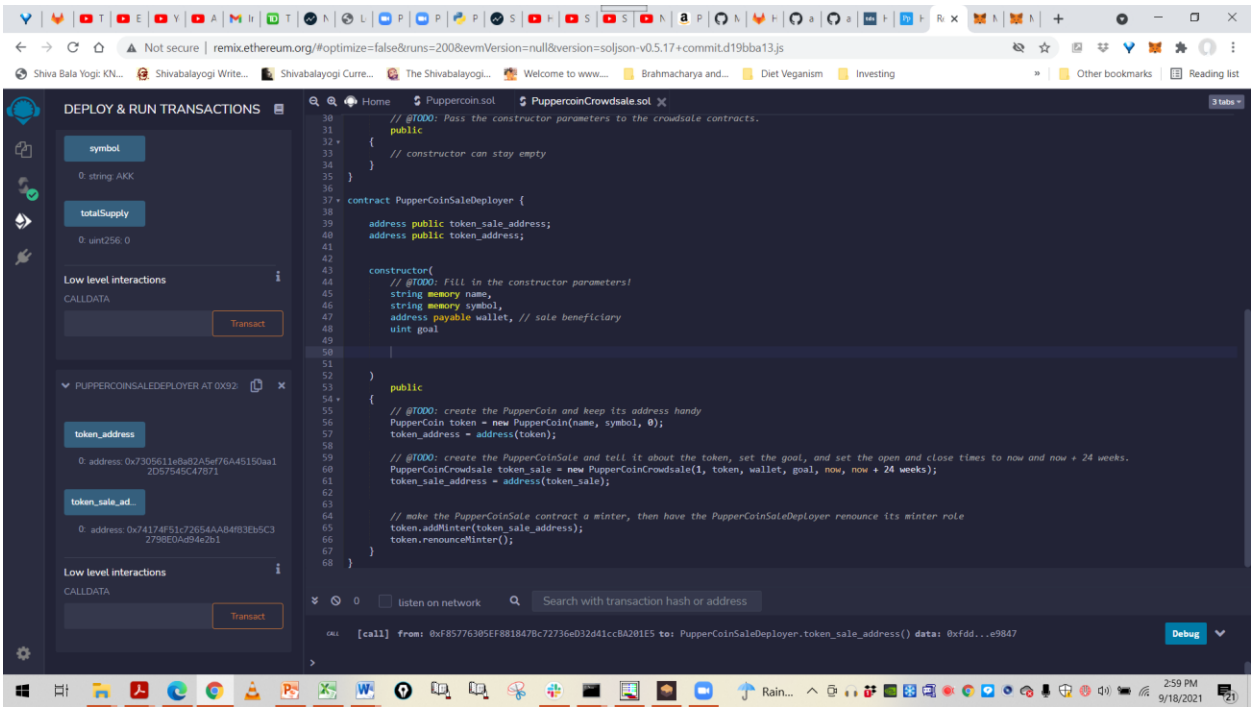

DEPLOY & RUN TRANSACTIONS
Transactions recorded 2
Deployed Contracts
addMinter
transact
MetaMask Notification
Localhost 8545
Account 1
0xFF26...CB...
http://remix.ethereum.org
ADD MINTER
0
DETAILS
DATA
EDIT
remix.ethereum.org suggested gas fee
0.000922 0.000922 ETH
Max fee:
0.000922 ETH
Total
0.000922 0.000922 ETH
Amount + gas fee
Max amount: 0.000922 ETH
Reject
Confirm
transact to PupperCoin.addMinter pending ...
2:46 PM
9/18/2021

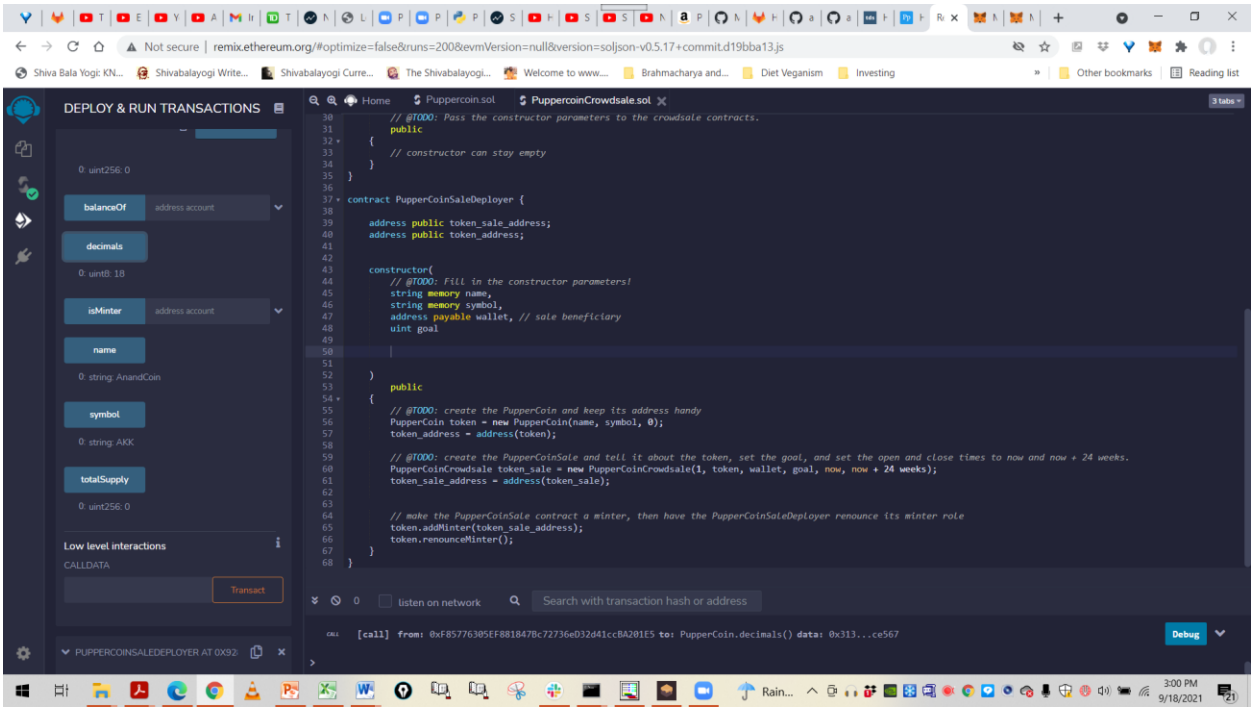

DEPLOY & RUN TRANSACTIONS
transfer
transferFrom
allowance
balanceOf
decimals
isMinter
name
symbol
totalSupply
Low level interactions
CALLDATA
Transact
Home
Puppercoin.sol
PuppercoinCrowdsale.sol
[call] from: 0xf85776305EF881847Bc72736eD32d41ccBA201E5 to: PupperCoin.totalSupply() data: 0x181...60ddd
Debug


DEPLOY & RUN TRANSACTIONS
decreaseAllow...
increaseAllow...
mint
renounceMinter
transfer
transferFrom
allowance
owner: 0xf85776305EF881847Bc727
spender: 0x63F2C6D3dff542474289Ed
call
balanceOf
decimals
isMinter
Home
Puppercoin.sol
PuppercoinCrowdsale.sol
[call] from: 0xf85776305EF881847Bc72736eD32d41ccBA201E5 to: PupperCoin.allowance(address,address) data: 0xdd6...e5118
Debug


DEPLOY & RUN TRANSACTIONS
GAS LIMIT
3000000
VALUE
0
wei
CONTRACT
PupperCoinSaleDeployer - contracts/P
DEPLOY
NAME: AnandCoin
SYMBOL: AKK
WALLET: 0xF85776305EF881847Bc727
GOAL: 300
transact
Publish to IPFS
OR
At Address
Load contract from Address
Transactions recorded 2
Deployed Contracts
PUPPERCOIN AT 0XFF2...3CB4C (BLOC
Home
Puppercoin.sol
PuppercoinCrowdsale.sol
3 tabs
// @TODO: Pass the constructor parameters to the crowdsale contracts.
public
{
// constructor can stay empty
}
}
contract PupperCoinSaleDeployer {
address public token_sale_address;
address public token_address;
constructor(
// @TODO: Fill in the constructor parameters!
string memory name,
string memory symbol,
address payable wallet, // sale beneficiary
uint goal
)
public
{
// @TODO: create the PupperCoin and keep its address handy
PupperCoin token = new PupperCoin(name, symbol, 0);
token_address = address(token);
// @TODO: create the PupperCoinSale and tell it about the token, set the goal, and set the open and close times to now and now + 24 weeks.
PupperCoinCrowdsale token_sale = new PupperCoinCrowdsale(1, token, wallet, goal, now, now + 24 weeks);
token_sale_address = address(token_sale);
// make the PupperCoinSale contract a minter, then have the PupperCoinSaleDeployer renounce its minter role
token.addMinter(token_sale_address);
token.renounceMinter();
}
}
0
listen on network
Search with transaction hash or address
[call] from: 0xF85776305EF881847Bc72736eD32d41ccBA201E5 to: PupperCoin.allowance(address,address) data: 0xdd6...e5118
Debug
2:54 PM
9/18/2021


DEPLOY & RUN TRANSACTIONS
WALLET: 0xF85776305EF881847Bc727
GOAL: 300
transact
Publish to IPFS
OR
At Address
Load contract from Address
Transactions recorded 3
Deployed Contracts
PUPPERCOIN AT 0XFF2...3CB4C (BLOCI
PUPPERCOINSALEDEPLOYER AT 0X92
token_address
token_sale_ad..
Low level interactions
CALLDATA
Transact
Home
Puppercoin.sol
PuppercoinCrowdsale.sol
3 tabs
// @TODO: Pass the constructor parameters to the crowdsale contracts.
public
{
// constructor can stay empty
}
}
contract PupperCoinSaleDeployer {
address public token_sale_address;
address public token_address;
constructor(
// @TODO: Fill in the constructor parameters!
string memory name,
string memory symbol,
address payable wallet, // sale beneficiary
uint goal
)
public
{
// @TODO: create the PupperCoin and keep its address handy
PupperCoin token = new PupperCoin(name, symbol, 0);
token_address = address(token);
// @TODO: create the PupperCoinSale and tell it about the token, set the goal, and set the open and close times to now and now + 24 weeks.
PupperCoinCrowdsale token_sale = new PupperCoinCrowdsale(1, token, wallet, goal, now, now + 24 weeks);
token_sale_address = address(token_sale);
// make the PupperCoinSale contract a minter, then have the PupperCoinSaleDeployer renounce its minter role
token.addMinter(token_sale_address);
token.renounceMinter();
}
}
0
listen on network
Search with transaction hash or address
[block:12 txIndex:0] from: 0xF85...201E5 to: PupperCoinSaleDeployer.(constructor) value: 0 wei data: 0x608...00000 logs: 5 hash: 0xc15...f6c91
Debug
2:56 PM
9/18/2021





At this point I was not sure how to get the buy tokens transaction done. So I will submit this for the moment and in future work I will add the rest of it.