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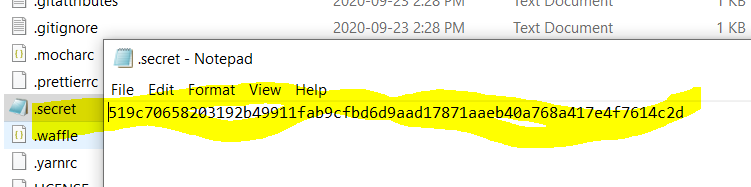
# Environment description

* Install NPM: https*://www.npmjs.com/get-npm*
* Install Truffle in Global: *npm install -g truffle*
* Contract deplorer address (contract owner)

The private key is specified at .secret file. And this address will be used to deploy the contracts and make sure you have enough WBNBs (You can get some WNBs at the testNet via this link: <https://testnet.binance.org/faucet-smart>)

* Install all packages based on specified packages at the package.json file

*NPM install*



# Pancake Swap

## PancakeSwap \ pancake-farm-master

* + Deployment migration:

*const CakeToken = artifacts.require('CakeToken');*

*const BnbStaking = artifacts.require('BnbStaking');*

*const SyrupBar = artifacts.require('SyrupBar');*

*const MasterChef = artifacts.require('MasterChef');*

*const WBNB = artifacts.require('libs/WBNB');*

*const SousChef = artifacts.require('SousChef');*

*//const BnbStaking = artifacts.require('BnbStaking');*

*module.exports = async function (deployer) {*

*//deployer.deploy(PancakeFactory,"0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7");*

*const owner= '0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7';*

*await deployer.deploy(CakeToken);*

*const cake= await CakeToken.deployed();*

*await deployer.deploy(WBNB);*

*const wBNB = await WBNB.deployed();*

*await deployer.deploy(SyrupBar, cake.address,);*

*const syrup = await SyrupBar.deployed();*

*await deployer.deploy(MasterChef, cake.address,syrup.address, owner, '40000000000000000000', '100');*

*const chef = await MasterChef.deployed();*

*await cake.transferOwnership(chef.address);*

*await syrup.transferOwnership(chef.address);*

*await deployer.deploy(BnbStaking,*

*wBNB.address,*

*cake.address,*

*1000,*

*10,*

*1010,*

*owner,*

*wBNB.address*

*);*

*const bnbChef = await MasterChef.deployed();*

*await deployer.deploy(SousChef, syrup.address, '40', '300', '400');*

*const sousChef = await SousChef.deployed();*

*};*

* + Deployment

PS C:\Blockchain\ZACH\PancakeSwap\pancake-farm-master> truffle migrate --network testnet

Compiling your contracts...

===========================

> Everything is up to date, there is nothing to compile.

Starting migrations...

======================

> Network name: 'testnet'

> Network id: 97

> Block gas limit: 30000000 (0x1c9c380)

1\_deploy\_upgradeable\_PancakeMaster.js

=====================================

Replacing 'CakeToken'

---------------------

> transaction hash: 0x9a78e8d807f2853eb3654ec4403fa1cc7d021e2f25c5d6c5dab6d4696c29c59d

> Blocks: 3 Seconds: 9

> contract address: 0x5C204A6bB75b5a3fDFddFc8C26D11eDD4551e04C

> block number: 9332746

> block timestamp: 1622495394

> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7

> balance: 0.74323688

> gas used: 2800228 (0x2aba64)

> gas price: 20 gwei

> value sent: 0 ETH

> total cost: 0.05600456 ETH

Pausing for 10 confirmations...

-------------------------------

> confirmation number: 2 (block: 9332749)

> confirmation number: 3 (block: 9332750)

> confirmation number: 4 (block: 9332751)

> confirmation number: 6 (block: 9332753)

> confirmation number: 7 (block: 9332754)

> confirmation number: 8 (block: 9332755)

> confirmation number: 10 (block: 9332757)

Replacing 'WBNB'

----------------

> transaction hash: 0xd7c2d94b92faca22c496a2dbdfac0701fde3db570d409740d8b6b0fb53ec7bf2

> Blocks: 3 Seconds: 9

> contract address: 0x02A41AD860A793E0074E042Eca83007DB6f80b9F

> block number: 9332760

> block timestamp: 1622495436

> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7

> balance: 0.72670484

> gas used: 826602 (0xc9cea)

> gas price: 20 gwei

> value sent: 0 ETH

> total cost: 0.01653204 ETH

Pausing for 10 confirmations...

-------------------------------

> confirmation number: 2 (block: 9332763)

> confirmation number: 3 (block: 9332764)

> confirmation number: 4 (block: 9332765)

> confirmation number: 6 (block: 9332767)

> confirmation number: 7 (block: 9332768)

> confirmation number: 8 (block: 9332769)

> confirmation number: 10 (block: 9332771)

Replacing 'SyrupBar'

--------------------

> transaction hash: 0x85ac7cb10009cdf7c7fa08f6245bff804394c8a1fb017f83c7edcacec68a060c

> Blocks: 2 Seconds: 5

> contract address: 0xA0fb8638419E46db2294e5e72C54C8fF4F93b518

> block number: 9332774

> block timestamp: 1622495478

> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7

> balance: 0.66218054

> gas used: 3226215 (0x313a67)

> gas price: 20 gwei

> value sent: 0 ETH

> total cost: 0.0645243 ETH

Pausing for 10 confirmations...

-------------------------------

> confirmation number: 2 (block: 9332777)

> confirmation number: 3 (block: 9332778)

> confirmation number: 4 (block: 9332779)

> confirmation number: 6 (block: 9332781)

> confirmation number: 7 (block: 9332782)

> confirmation number: 8 (block: 9332783)

> confirmation number: 10 (block: 9332785)

Replacing 'MasterChef'

----------------------

> transaction hash: 0xee88e1bb28d09867db1949f278779a0a67a58c4ad0ada07c7735f6c03de7309a

> Blocks: 3 Seconds: 9

> contract address: 0x8654033eaC5d5Dc1EeAEbc079F196866e4F90f6B

> block number: 9332789

> block timestamp: 1622495523

> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7

> balance: 0.59670732

> gas used: 3273661 (0x31f3bd)

> gas price: 20 gwei

> value sent: 0 ETH

> total cost: 0.06547322 ETH

Pausing for 10 confirmations...

-------------------------------

> confirmation number: 2 (block: 9332792)

> confirmation number: 3 (block: 9332793)

> confirmation number: 5 (block: 9332795)

> confirmation number: 6 (block: 9332796)

> confirmation number: 7 (block: 9332797)

> confirmation number: 9 (block: 9332799)

> confirmation number: 10 (block: 9332800)

Replacing 'BnbStaking'

----------------------

> transaction hash: 0x84b418b286cd4571ebbf7c1cf36164c401252ccd8efa113fdb6ec41cffde7ab6

> Blocks: 2 Seconds: 5

> contract address: 0x4BEe8D9E672A1E2eaA7b21C3573Dd13bDD392aE4

> block number: 9332808

> block timestamp: 1622495580

> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7

> balance: 0.5443928

> gas used: 2553746 (0x26f792)

> gas price: 20 gwei

> value sent: 0 ETH

> total cost: 0.05107492 ETH

Pausing for 10 confirmations...

-------------------------------

> confirmation number: 2 (block: 9332811)

> confirmation number: 3 (block: 9332812)

> confirmation number: 4 (block: 9332813)

> confirmation number: 6 (block: 9332815)

> confirmation number: 7 (block: 9332816)

> confirmation number: 8 (block: 9332817)

> confirmation number: 10 (block: 9332819)

Replacing 'SousChef'

--------------------

> transaction hash: 0x8c07af1b680e1a6d9aef29f87e1d1c9b37a5be9e8feba635e6f414dd1d2e3969

> Blocks: 1 Seconds: 5

> contract address: 0xadA2A3693C133a5dD89473B41A316a18D88f588d

> block number: 9332822

> block timestamp: 1622495622

> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7

> balance: 0.51649084

> gas used: 1395098 (0x15499a)

> gas price: 20 gwei

> value sent: 0 ETH

> total cost: 0.02790196 ETH

Pausing for 10 confirmations...

-------------------------------

> confirmation number: 1 (block: 9332824)

> confirmation number: 3 (block: 9332826)

> confirmation number: 4 (block: 9332827)

> confirmation number: 5 (block: 9332828)

> confirmation number: 7 (block: 9332830)

> confirmation number: 8 (block: 9332831)

> confirmation number: 9 (block: 9332832)

> confirmation number: 11 (block: 9332834)

> Saving artifacts

-------------------------------------

> Total cost: 0.281511 ETH

Summary

=======

> Total deployments: 6

> Final cost: 0.281511 ETH

PS C:\Blockchain\ZACH\PancakeSwap\pancake-farm-master>

* + Verify the contract

Get the contract address from above deployment window and replace them at the verify batch command file:

truffle run verify CakeToken@0x5C204A6bB75b5a3fDFddFc8C26D11eDD4551e04C --network testnet&&truffle run verify WBNB@0x02A41AD860A793E0074E042Eca83007DB6f80b9F --network testnet&&truffle run verify SyrupBar@0xA0fb8638419E46db2294e5e72C54C8fF4F93b518 --network testnet&&truffle run verify MasterChef@0x8654033eaC5d5Dc1EeAEbc079F196866e4F90f6B --network testnet&&truffle run verify BnbStaking@0x4BEe8D9E672A1E2eaA7b21C3573Dd13bDD392aE4 --network testnet&&truffle run verify SousChef@0xadA2A3693C133a5dD89473B41A316a18D88f588d --network testnet

PS C:\Blockchain\ZACH\PancakeSwap\pancake-farm-master> ./verify

C:\Blockchain\ZACH\PancakeSwap\pancake-farm-master>truffle run verify CakeToken@0x5C204A6bB75b5a3fDFddFc8C26D11eDD4551e04C --network testnet && truffle run verify WBNB@0x02A41AD860A793E0074E042Eca83007DB6f80b9F --network testnet && truffle run verify SyrupBar@0xA0fb8638419E46db2294e5e72C54C8fF4F93b518 --network testnet && truffle run verify MasterChef@0x8654033eaC5d5Dc1EeAEbc079F196866e4F90f6B --network testnet && truffle run verify BnbStaking@0x4BEe8D9E672A1E2eaA7b21C3573Dd13bDD392aE4 --network testnet && truffle run verify SousChef@0xadA2A3693C133a5dD89473B41A316a18D88f588d --network testnet

Verifying CakeToken@0x5C204A6bB75b5a3fDFddFc8C26D11eDD4551e04C

Contract source code already verified: https://testnet.bscscan.com/address/0x5C204A6bB75b5a3fDFddFc8C26D11eDD4551e04C#contracts

Successfully verified 1 contract(s).

Verifying WBNB@0x02A41AD860A793E0074E042Eca83007DB6f80b9F

Pass - Verified: https://testnet.bscscan.com/address/0x02A41AD860A793E0074E042Eca83007DB6f80b9F#contracts

Successfully verified 1 contract(s).

Verifying SyrupBar@0xA0fb8638419E46db2294e5e72C54C8fF4F93b518

Pass - Verified: https://testnet.bscscan.com/address/0xA0fb8638419E46db2294e5e72C54C8fF4F93b518#contracts

Successfully verified 1 contract(s).

Verifying MasterChef@0x8654033eaC5d5Dc1EeAEbc079F196866e4F90f6B

Pass - Verified: https://testnet.bscscan.com/address/0x8654033eaC5d5Dc1EeAEbc079F196866e4F90f6B#contracts

Successfully verified 1 contract(s).

Verifying BnbStaking@0x4BEe8D9E672A1E2eaA7b21C3573Dd13bDD392aE4

Pass - Verified: https://testnet.bscscan.com/address/0x4BEe8D9E672A1E2eaA7b21C3573Dd13bDD392aE4#contracts

Successfully verified 1 contract(s).

Verifying SousChef@0xadA2A3693C133a5dD89473B41A316a18D88f588d

Pass - Verified: https://testnet.bscscan.com/address/0xadA2A3693C133a5dD89473B41A316a18D88f588d#contracts

Successfully verified 1 contract(s).

PS C:\Blockchain\ZACH\PancakeSwap\pancake-farm-master>

(sometimes you see verify error, and you may need install following package:

npm i --save truffle-plugin-verify@^0.5.8)

## PancakeSwap \ pancake-swap-core-master

* + Deployment migration:

*const PancakeFactory = artifacts.require("PancakeFactory");*

*module.exports = async function (deployer) {*

*const owner= '0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7';*

*// following pair of tokens address get from "pancake-farm-master" deployment. such as token0 (CAKE) and Token1 (WBNB)*

*const token0='0xE709CB9a2e248F08b1B41F03822B7DC892ecAC42';*

*const token1='0x6c8026e9FC8ca1122EE2EC0dc96d6a5ee24a17fC';*

*await deployer.deploy(PancakeFactory,owner);*

*const factory= await PancakeFactory.deployed();*

*await factory.createPair(token0, token1);*

*await factory.setFeeTo(owner);*

*};*

* + Deployment

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master> truffle migrate --network testnet*

*Compiling your contracts...*

*===========================*

*> Compiling .\contracts\PancakeERC20.sol*

*> Compiling .\contracts\interfaces\IERC20.sol*

*> Compiling .\contracts\interfaces\IPancakeCallee.sol*

*> Compiling .\contracts\interfaces\IPancakeERC20.sol*

*> Compiling .\contracts\interfaces\IPancakeFactory.sol*

*> Compiling .\contracts\interfaces\IPancakePair.sol*

*> Compiling .\contracts\libraries\Math.sol*

*> Compiling .\contracts\libraries\SafeMath.sol*

*> Compiling .\contracts\libraries\UQ112x112.sol*

*> Artifacts written to C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master\build\contracts*

*> Compiled successfully using:*

*- solc: 0.5.16+commit.9c3226ce.Emscripten.clang*

*Starting migrations...*

*======================*

*> Network name: 'testnet'*

*> Network id: 97*

*> Block gas limit: 30000000 (0x1c9c380)*

*1\_deploy\_upgradeable\_PancakeFactory.js*

*======================================*

*Replacing 'PancakeFactory'*

*--------------------------*

*> transaction hash: 0x33e64af0144bc9a8238506d2e05f111ff50fa7e81e88e6b4f09a94094b9ef6ff*

*> Blocks: 3 Seconds: 9*

*> contract address: 0xb0454F3663803628Df0e2D5a9a201fa7d7285132*

*> block number: 9333378*

*> block timestamp: 1622497290*

*> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7*

*> balance: 0.43296204*

*> gas used: 4176440 (0x3fba38)*

*> gas price: 20 gwei*

*> value sent: 0 ETH*

*> total cost: 0.0835288 ETH*

*Pausing for 10 confirmations...*

*-------------------------------*

*> confirmation number: 2 (block: 9333381)*

*> confirmation number: 3 (block: 9333382)*

*> confirmation number: 5 (block: 9333384)*

*> confirmation number: 6 (block: 9333385)*

*> confirmation number: 7 (block: 9333386)*

*> confirmation number: 9 (block: 9333388)*

*> confirmation number: 10 (block: 9333389)*

*> Saving artifacts*

*-------------------------------------*

*> Total cost: 0.0835288 ETH*

*Summary*

*=======*

*> Total deployments: 1*

*> Final cost: 0.0835288 ETH*

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master>*

* + Verify the contract

Get the contract address from above deployment window and replace them at the verify batch command file:

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master> ./verify*

*C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master>truffle run verify PancakeFactory@0xb0454F3663803628Df0e2D5a9a201fa7d7285132 --network testnet*

*Verifying PancakeFactory@0xb0454F3663803628Df0e2D5a9a201fa7d7285132*

*Pass - Verified: https://testnet.bscscan.com/address/0xb0454F3663803628Df0e2D5a9a201fa7d7285132#contracts*

*Successfully verified 1 contract(s).*

Factory created pair contract automatically:

**

*truffle run verify PancakePair@0x3E2368a3C28369c534feADcdcA07A8e986191860 --network testnet*

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master> truffle run verify PancakePair@0x3E2368a3C28369c534feADcdcA07A8e986191860 --network testnet*

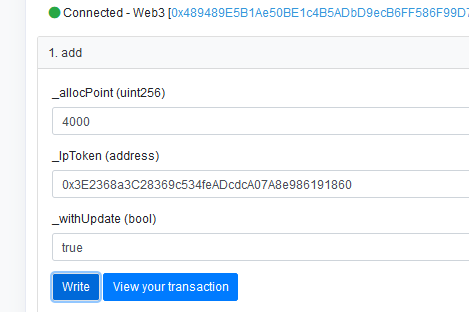
*Verifying PancakePair@0x3E2368a3C28369c534feADcdcA07A8e986191860*

*Pass - Verified: https://testnet.bscscan.com/address/0x3E2368a3C28369c534feADcdcA07A8e986191860#contracts*

*Successfully verified 1 contract(s).*

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-core-master>*

* Update masterChef and add the pair

**

## PancakeSwap\pancake-swap-periphery-master

* + Migration file

*const PancakeRouter01 = artifacts.require("PancakeRouter01");*

*const PancakeRouter = artifacts.require("PancakeRouter");*

*module.exports = async function (deployer) {*

*const owner= '0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7';*

*// following pair of tokens address get from "pancake-farm-master" deployment*

*const token0='0x5C204A6bB75b5a3fDFddFc8C26D11eDD4551e04C';*

*const token1='0x02A41AD860A793E0074E042Eca83007DB6f80b9F';*

*const wbmb='0x02A41AD860A793E0074E042Eca83007DB6f80b9F';*

*//factory address get from "\pancake-swap-core-master" deployment*

*const factory ='0xb0454F3663803628Df0e2D5a9a201fa7d7285132';*

*await deployer.deploy(PancakeRouter01,factory, wbmb);*

*const router01= await PancakeRouter01.deployed();*

*await deployer.deploy(PancakeRouter,factory, wbmb);*

*const router= await PancakeRouter.deployed();*

*};*

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-periphery-master> truffle migrate --network testnet*

*Compiling your contracts...*

*===========================*

*> Everything is up to date, there is nothing to compile.*

* Migration

*Starting migrations...*

*======================*

*> Network name: 'testnet'*

*> Network id: 97*

*> Block gas limit: 30000000 (0x1c9c380)*

*1\_deploy\_upgradeable\_PancakeRouters.js*

*======================================*

*Replacing 'PancakeRouter01'*

*---------------------------*

*> transaction hash: 0x8d89f66f1f59a460d83042e9c2fd3b86eb2cd05977e94e899799767e714715f8*

*> Blocks: 3 Seconds: 9*

*> contract address: 0xc75Dd1B1bc9B4E2c57c247c9B682EBe9E1B53DcF*

*> block number: 9333782*

*> block timestamp: 1622498502*

*> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7*

*> balance: 0.30624574*

*> gas used: 3045851 (0x2e79db)*

*> gas price: 20 gwei*

*> value sent: 0 ETH*

*> total cost: 0.06091702 ETH*

*Pausing for 10 confirmations...*

*-------------------------------*

*> confirmation number: 2 (block: 9333785)*

*> confirmation number: 3 (block: 9333786)*

*> confirmation number: 4 (block: 9333787)*

*> confirmation number: 6 (block: 9333789)*

*> confirmation number: 7 (block: 9333790)*

*> confirmation number: 8 (block: 9333791)*

*> confirmation number: 10 (block: 9333793)*

*Replacing 'PancakeRouter'*

*-------------------------*

*> transaction hash: 0xa2f1089cd44c08dc89554e7ff047df3a7e64f6c6c4a25d5cbfa46f308de7bb9c*

*> Blocks: 3 Seconds: 9*

*> contract address: 0xf4EB96b5EeAa03826c85f399B1F663028C110A45*

*> block number: 9333797*

*> block timestamp: 1622498547*

*> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7*

*> balance: 0.2259721*

*> gas used: 4013682 (0x3d3e72)*

*> gas price: 20 gwei*

*> value sent: 0 ETH*

*> total cost: 0.08027364 ETH*

*Pausing for 10 confirmations...*

*-------------------------------*

*> confirmation number: 2 (block: 9333800)*

*> confirmation number: 3 (block: 9333801)*

*> confirmation number: 4 (block: 9333802)*

*> confirmation number: 6 (block: 9333804)*

*> confirmation number: 7 (block: 9333805)*

*> confirmation number: 8 (block: 9333806)*

*> confirmation number: 10 (block: 9333808)*

*> Saving artifacts*

*-------------------------------------*

*> Total cost: 0.14119066 ETH*

*Summary*

*=======*

*> Total deployments: 2*

*> Final cost: 0.14119066 ETH*

*PS C:\Blockchain\ZACH\PancakeSwap\pancake-swap-periphery-master>*

* Verify the contract

*C:\Blockchain\ZACH\PancakeSwap\pancake-swap-periphery-master>truffle run verify PancakeRouter01@0xc75Dd1B1bc9B4E2c57c247c9B682EBe9E1B53DcF --network testnet && truffle run verify PancakeRouter@0xf4EB96b5EeAa03826c85f399B1F663028C110A45 --network testnet*

*Verifying PancakeRouter01@0xc75Dd1B1bc9B4E2c57c247c9B682EBe9E1B53DcF*

*Pass - Verified: https://testnet.bscscan.com/address/0xc75Dd1B1bc9B4E2c57c247c9B682EBe9E1B53DcF#contracts*

*Successfully verified 1 contract(s).*

*Verifying PancakeRouter@0xf4EB96b5EeAa03826c85f399B1F663028C110A45*

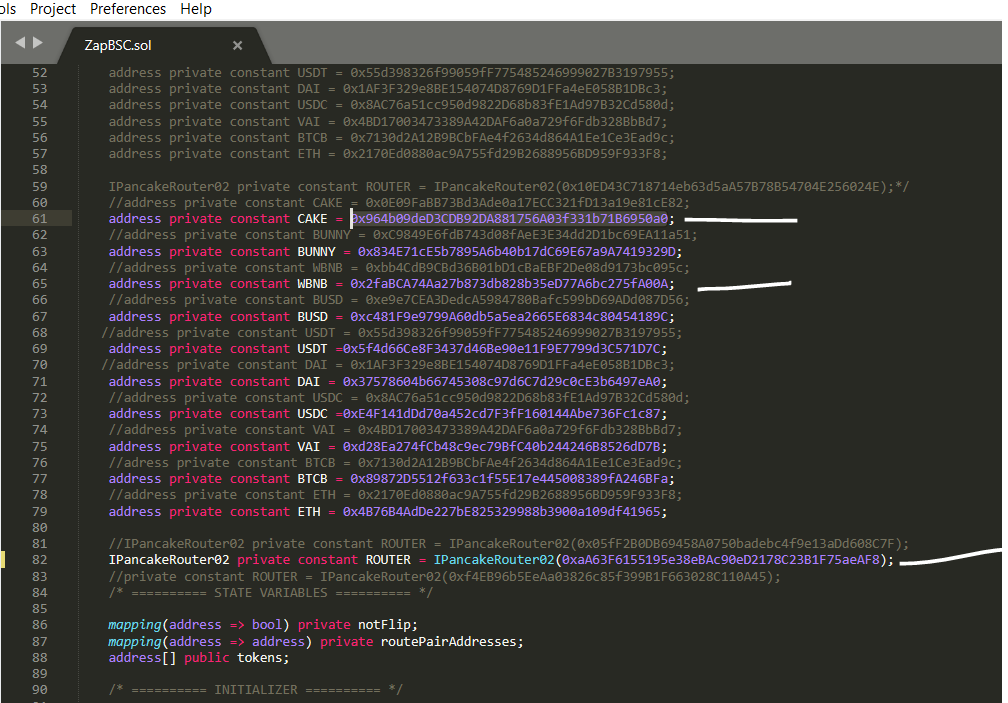
*Pass - Verified: https://testnet.bscscan.com/address/0xf4EB96b5EeAa03826c85f399B1F663028C110A45#contracts*

*Successfully verified 1 contract(s).*

# InnovationUpstream (PancakeBunny)

## ZapBSC

Get eouter02 address from previous deployment and update ZapBSC contract



* Migration file



* Deploy ZapBSC

*PS C:\Blockchain\ZACH\InnovationUpstream> truffle migrate --network testnet*

*Starting migrations...*

*======================*

*> Network name: 'testnet'*

*> Network id: 97*

*> Block gas limit: 29999542 (0x1c9c1b6)*

*1\_deploy\_upgradeable\_VaultFlipToFlip.js*

*=======================================*

*Replacing 'ZapBSC'*

*------------------*

*> transaction hash: 0x48ed02a6025309002a9c6cc90cb322db096e458d3bbf188982e77d69198873a3*

*> Blocks: 1 Seconds: 5*

*> contract address: 0x921391E1814E2E391992D5837e9d0FCec1D3B222*

*> block number: 9334205*

*> block timestamp: 1622499771*

*> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7*

*> balance: 0.17370024*

*> gas used: 2613593 (0x27e159)*

*> gas price: 20 gwei*

*> value sent: 0 ETH*

*> total cost: 0.05227186 ETH*

*Pausing for 10 confirmations...*

*-------------------------------*

*> confirmation number: 2 (block: 9334208)*

*> confirmation number: 3 (block: 9334209)*

*> confirmation number: 4 (block: 9334210)*

*> confirmation number: 6 (block: 9334212)*

* Verify ZapBSC

truffle run verify ZapBSC@0x921391E1814E2E391992D5837e9d0FCec1D3B222 --network testnet

*PS C:\Blockchain\ZACH\InnovationUpstream> truffle run verify ZapBSC@0x921391E1814E2E391992D5837e9d0FCec1D3B222 --network testnet*

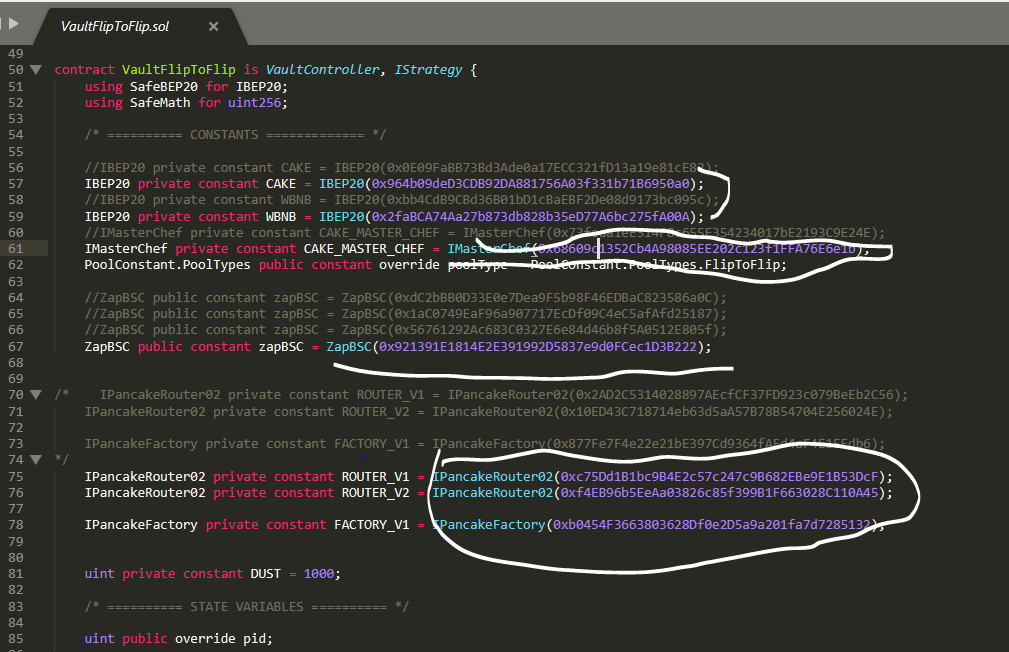
*Verifying ZapBSC@0x921391E1814E2E391992D5837e9d0FCec1D3B222*

*Pass - Verified: https://testnet.bscscan.com/address/0x921391E1814E2E391992D5837e9d0FCec1D3B222#contracts*

*Successfully verified 1 contract(s).*

## VaultFlipToFlip

Update contract and replace with the right address



* Migrate

*PS C:\Blockchain\ZACH\InnovationUpstream> truffle migrate --network testnet*

*Starting migrations...*

*======================*

*> Network name: 'testnet'*

*> Network id: 97*

*> Block gas limit: 29999542 (0x1c9c1b6)*

*1\_deploy\_upgradeable\_VaultFlipToFlip.js*

*=======================================*

*Replacing 'VaultFlipToFlip'*

*---------------------------*

*> transaction hash: 0x52d554d17fa8b499f15df14a2562e72374785848fdc276c83ef87ab5ff1a4120*

*> Blocks: 3 Seconds: 9*

*> contract address: 0x688AB5935061948Ae6685656D11e3DDeeD4bCEbB*

*> block number: 9334576*

*> block timestamp: 1622500884*

*> account: 0x489489E5B1Ae50BE1c4B5ADbD9ecB6FF586F99D7*

*> balance: 0.08749632*

*> gas used: 3749492 (0x393674)*

*> gas price: 20 gwei*

*> value sent: 0 ETH*

*> total cost: 0.07498984 ETH*

*Pausing for 10 confirmations...*

*-------------------------------*

*> confirmation number: 2 (block: 9334579)*

*> confirmation number: 3 (block: 9334580)*

*> confirmation number: 4 (block: 9334581)*

*> confirmation number: 6 (block: 9334583)*

*> confirmation number: 7 (block: 9334584)*

*> confirmation number: 8 (block: 9334585)*

* Verify

truffle run verify VaultFlipToFlip@0x45Dd7bfCeB47CA7473c0C94666C8BC258cc01d8B --network testnet

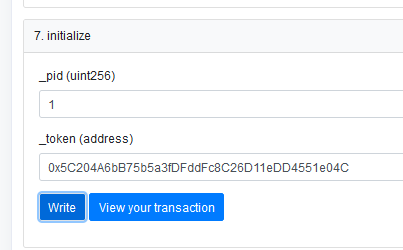
*PS C:\Blockchain\ZACH\InnovationUpstream> truffle run verify VaultFlipToFlip@0x72a5444acF7F38f200254Fc24ef4b9F1Bc962Bc5 --network testnet*

*Verifying VaultFlipToFlip@0x94012D13a7668E131147be69F0D11BEDB2686dBa*

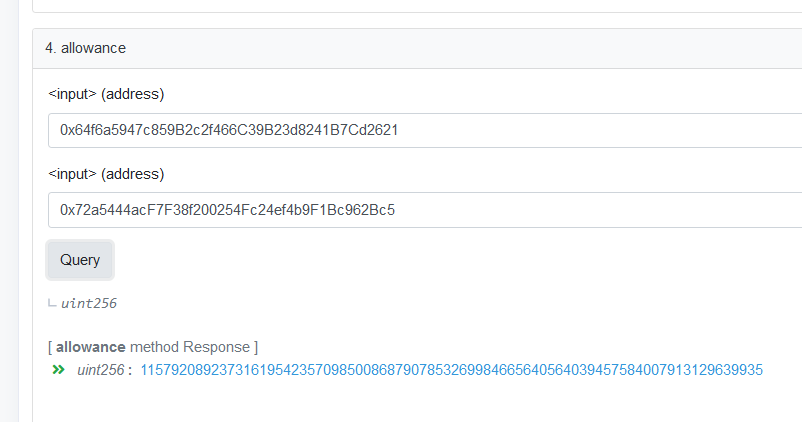
*Pass - Verified: https://testnet.bscscan.com/address/0x94012D13a7668E131147be69F0D11BEDB2686dBa#contracts*

*Successfully verified 1 contract(s).*

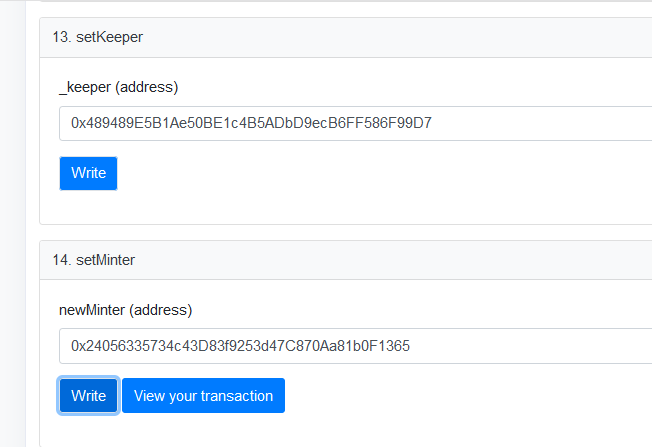
* Initialize the contract based on the PID at the masterChef and pancakePair token address



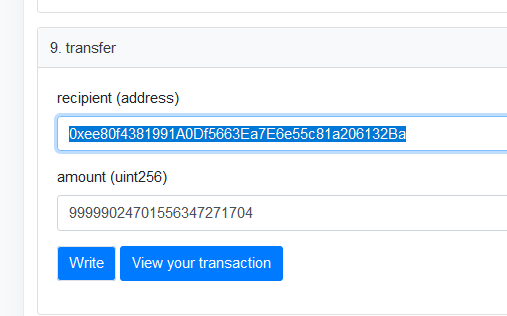
Open PancakePair contract and set the vault to spend your LPs

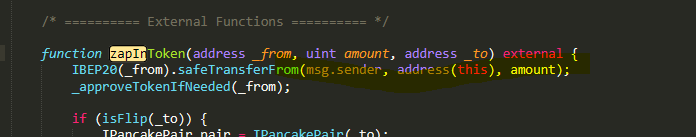


SetKeeper and Minter(0x24056335734c43D83f9253d47C870Aa81b0F1365)

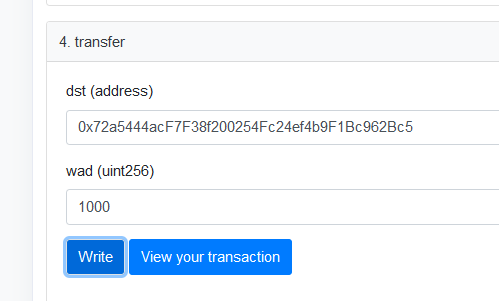


*Open cakeToken and transfer enough tokens to zapBSC and Valut contracts*



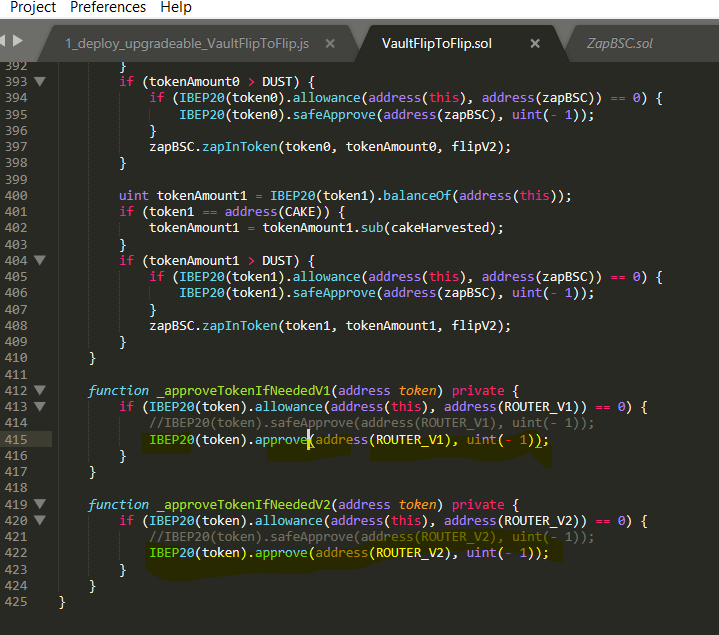


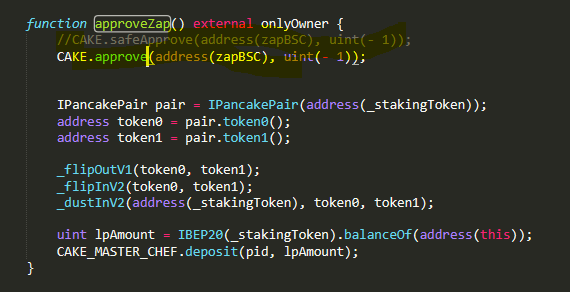
*Open WBNB and transfer sone tokens to vault address (safePrreove 0 issue*)



Open LP token and transfer some tokens to Vault contract

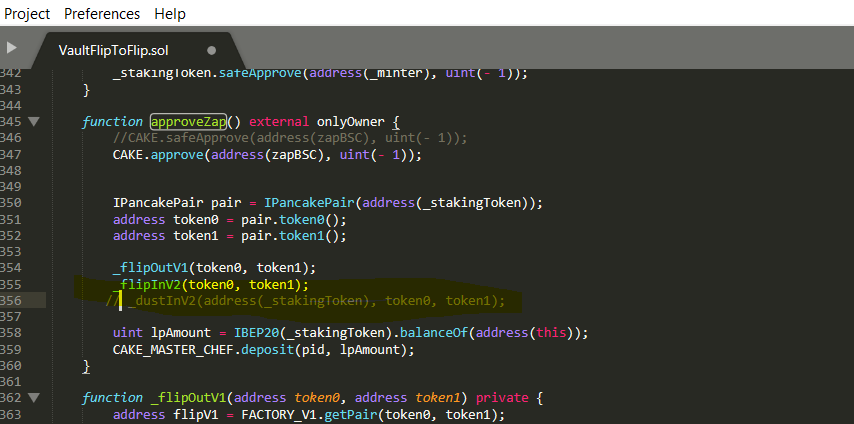
Update vaulr code in order to fix this issue: Fail with error 'SafeBEP20: approve from non-zero to non-zero allowance'

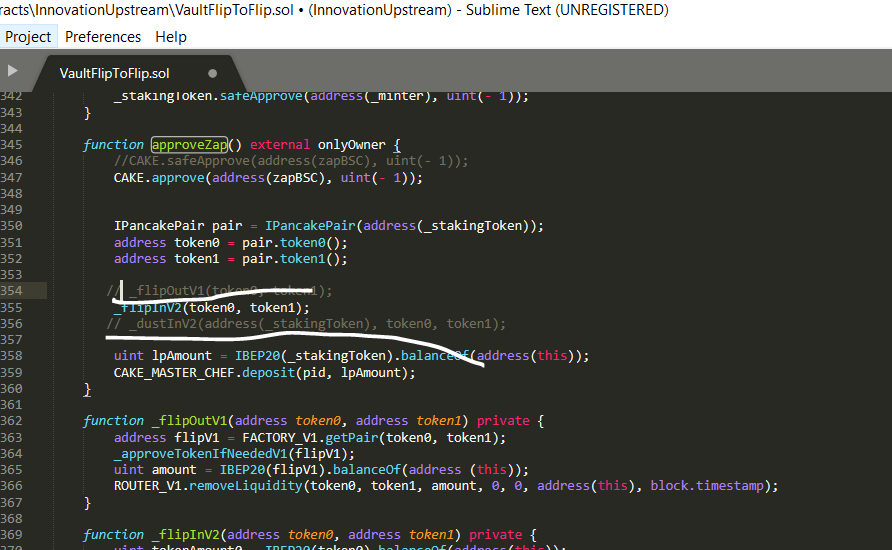




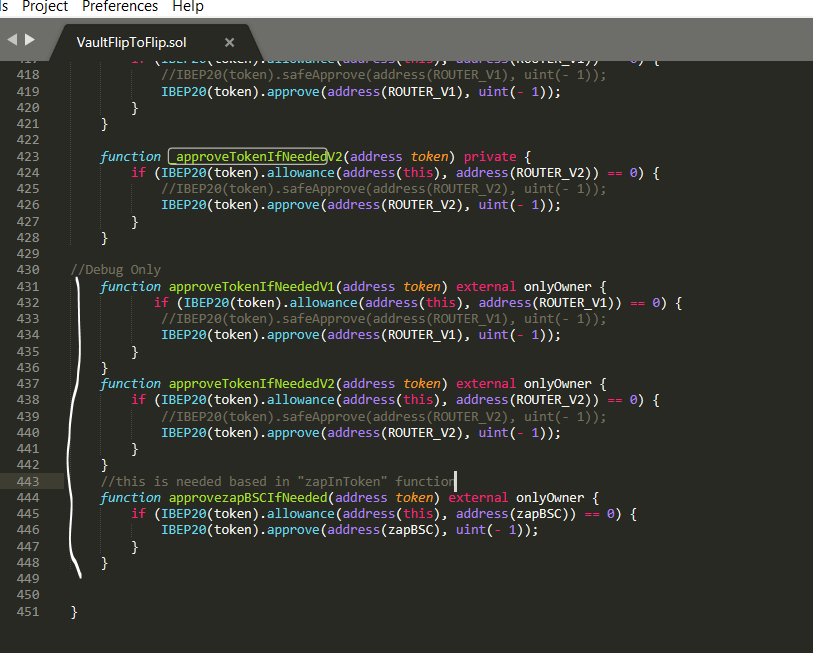


Disable following line (debug purpose)

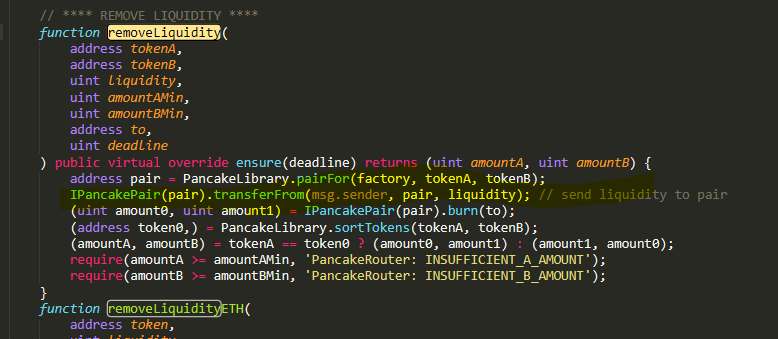


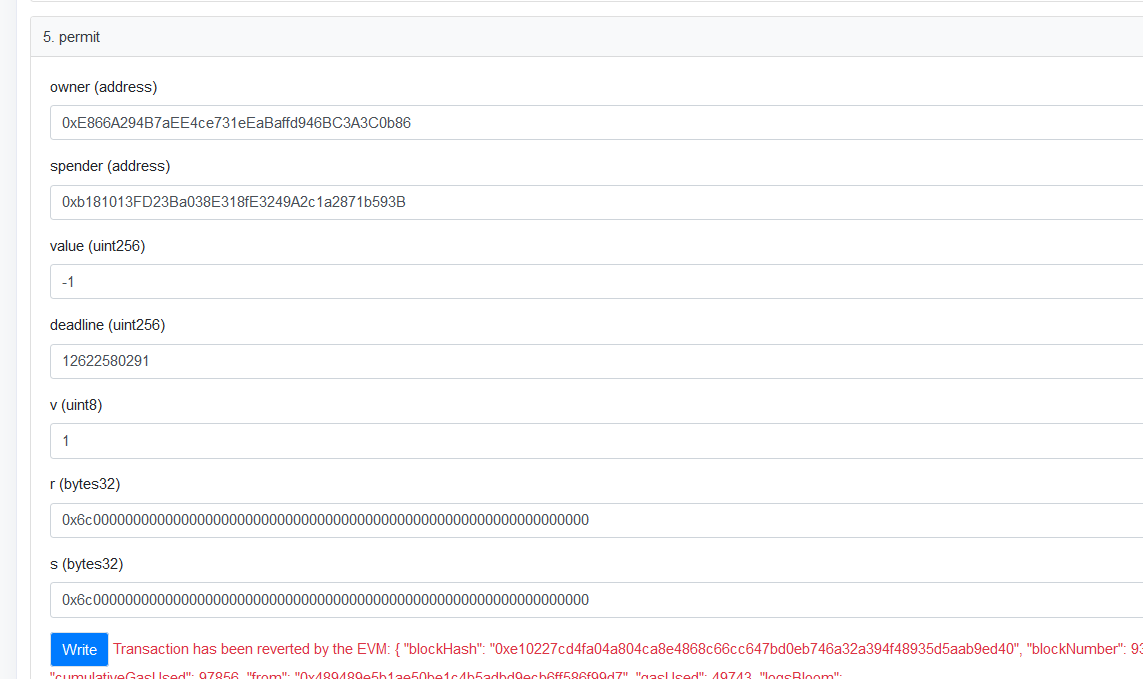


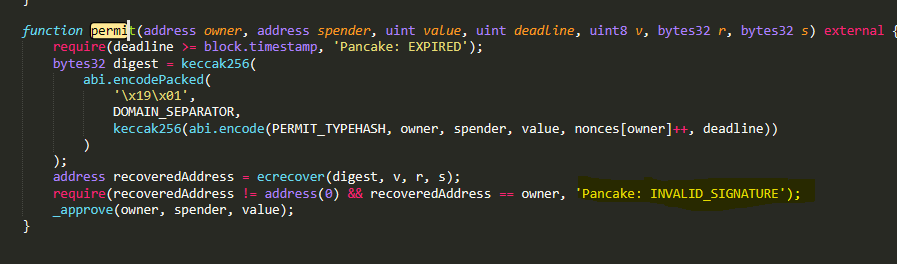
Add following debug functions (Owner only)

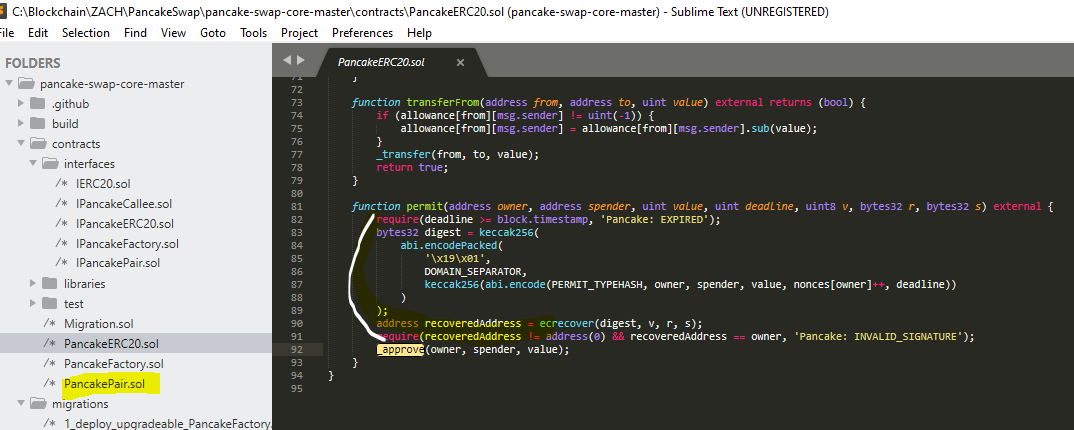


Update PancakePair and Allow router V1 and V2 spent Vault’s tokens based on following codes









# Other tokens contract address (TestNet)

//address private constant CAKE = 0x73523F93ac317A4C4F052a7096aA7c8978E4F893;

//address private constant BUNNY = 0xC9849E6fdB743d08fAeE3E34dd2D1bc69EA11a51;

address private constant BUNNY = 0x834E71cE5b7895A6b40b17dC69E67a9A7419329D;

//address private constant WBNB = 0xbb4CdB9CBd36B01bD1cBaEBF2De08d9173bc095c;

//address private constant WBNB = 0x403738632d7344E32EEd2c26b228F16eEdda84A4;

//address private constant BUSD = 0xe9e7CEA3DedcA5984780Bafc599bD69ADd087D56;

address private constant BUSD = 0xc481F9e9799A60db5a5ea2665E6834c80454189C;

//address private constant USDT = 0x55d398326f99059fF775485246999027B3197955;

address private constant USDT =0x5f4d66Ce8F3437d46Be90e11F9E7799d3C571D7C;

//address private constant DAI = 0x1AF3F329e8BE154074D8769D1FFa4eE058B1DBc3;

address private constant DAI = 0x37578604b66745308c97d6C7d29c0cE3b6497eA0;

//address private constant USDC = 0x8AC76a51cc950d9822D68b83fE1Ad97B32Cd580d;

address private constant USDC =0xE4F141dDd70a452cd7F3fF160144Abe736Fc1c87;

//address private constant VAI = 0x4BD17003473389A42DAF6a0a729f6Fdb328BbBd7;

address private constant VAI = 0xd28Ea274fCb48c9ec79BfC40b244246B8526dD7B;

//adress private constant BTCB = 0x7130d2A12B9BCbFAe4f2634d864A1Ee1Ce3Ead9c;

address private constant BTCB = 0x89872D5512f633c1f55E17e445008389fA246BFa;

//address private constant ETH = 0x2170Ed0880ac9A755fd29B2688956BD959F933F8;