

# Crypto Bank Game in Elves Speak<sup>(\*)</sup>

(crypto Bank Game)

cryptoGame.py pyCryptoGame — uses <sup>py</sup>elves

import cryptoGame as cbank

step 1 - the cbank 

IN TETHER
\$500.00

 ← in TETHER when it begins

step 2 - buys \$10 of crypto  
(later pass too) (current market prices)

\$100
ETH
BTC
ADA
SHIB
20 total

(only coinbase cryptos)

coinbase crypto bank      cbank = {TETHER:\$500}      {transfer-fee: 20%}      on game start

~~py~~ cbGame as cryptoBankGame

~~cryptoBankGame~~ # runs the game

cryptoBankGame() # print(results) to terminal

ETH-US      BTC-US  
string\_array = {1:'ETH', 2:'BTC', 3:'ADA', 4:'SHIB'... 20:}

other game — put 10K in?

# Crypto Bank Game

~~Spent~~ bought = \$10 starts num of coins for each

you buy or get the reading

Buy 1st

\$10 Worth

all

Names of coins

this populates 1st

all prices

Loop 1 [time-1]  
 purchased at \$10  
 - ETH: {price}  
 - BTC: {price}  
 - ADA: {price}  
 - SHIB: {price}  
 - ...  
 on loop 1 it sets the 1st buy

Loop 2 [time-2]

Loop 3 [time-3]

Loops [time-20]

Loop 20 [time-20]

(4-19)

all [time1] [time2] [time3] ... [time 20]  
 00:01 00:02 00:03 ... 00:20

00:01 [ETH] [price]  
 all [time1] [NAME] [price], [total value x price] (float)  
 num of coins for each

has the coin nums for \$10 at game start

When you buy it it sets it

it doesn't change until you sell to 10¢ or 0¢

bought = array { list of coins }  
 num of coins for each

#coin prices over time

prices = array (time [list of coins], time 20 [list of coins])

has prices organized by time 1st, then coin name, then coin price (It's visually correct.)

this one stays the same