

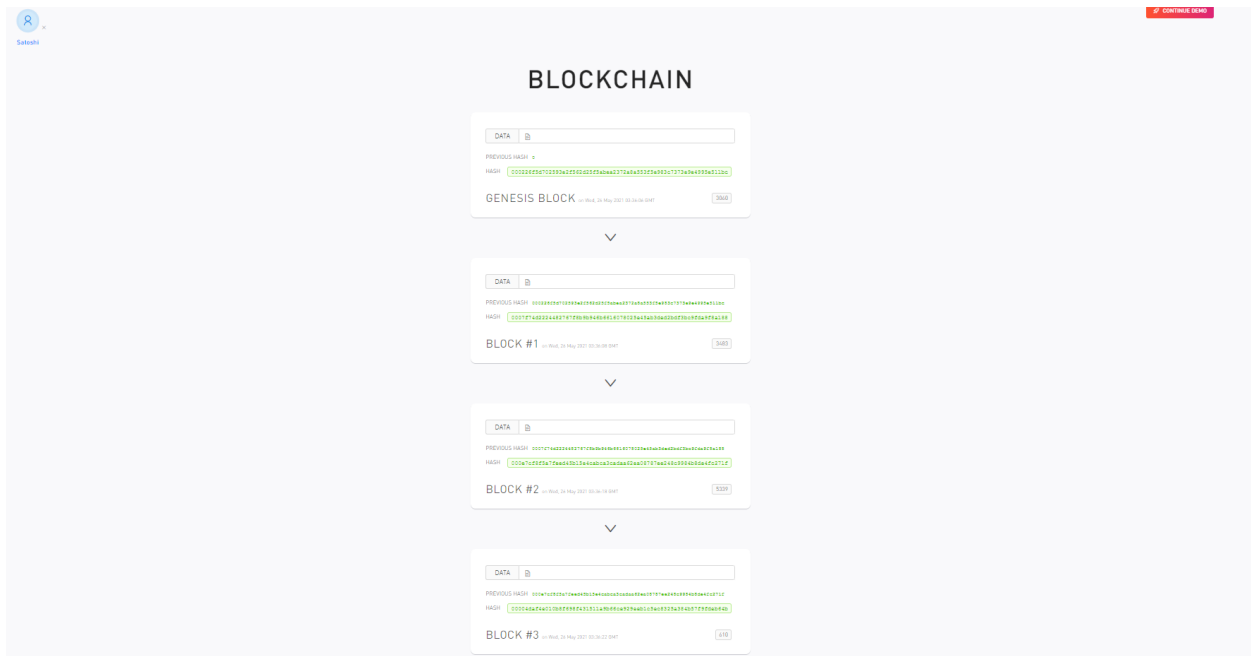
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## Project 7

### >> Hash Algorithm

- sha256


### >> Valid Blocks



### >> Chain Rule

- Longest chain rule

## >> Ethereum Explorer



Eth: \$2,831.52 (+9.45%) | 43 Gwei

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Address 0xb0a3700d0f68c87c2aFF0224285e67586B6b103bBuyExchangeEarnGaming

Sponsored: We trade crypto-currencies for you! Join CryptoCapital!

Overview

Balance:0.001 Ether

Ether Value:\$2.83 (@ \$2,831.52/ETH)

More Info

My Name Tag:Not Available, login to update

Ad

BC.GAMEBC.Game the Casino For DeFi LoversDefi is dangerous, try gambling! Free spin to get defi tokens!Claim

TransactionsAnalyticsComments

Latest 3 from a total of 3 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0x6f96db2f2496f470506...	Transfer	4954580	1219 days 5 hrs ago	0x2ae92e1dfc66afc8a06...	IN0xb0a3700d0f68c87c2aff...	0.001 Ether	0.0000441
0x58cdb15f034ed14d47...	Transfer	4799351	1246 days 19 hrs ago	0xb0a3700d0f68c87c2aff...	OUTQuadrigaCX 2	0.01248496 Ether	0.00042
0x8193c50255309f8962...	Transfer	4799345	1246 days 19 hrs ago	0xd34c34d3d36e24ee6d...	IN0xb0a3700d0f68c87c2aff...	0.01290496 Ether	0.000441

[Download CSV Export]

## >> Security Concern

**Announcement:** Canadian cryptocurrency exchange QuadrigaCX loses access to its wallets. ⚠ Please exercise caution when interacting with this address.

## >> Bitcoin #1

Satoshi

Successfully mined Block 1 with a reward of 100!

CONTINUE DEMO

Mining reward: 100

MINE NEW BLOCK

100

BALANCE

RECIPIENT:

Peer

AMOUNT / FEE:

00

Total: 0

FUNDS:

Inputs

Total: 0

PAY

LET'S MINE SOME COINS

Mining a new block will record a reward transaction with an output of 100 coins on the blockchain. To be explained.

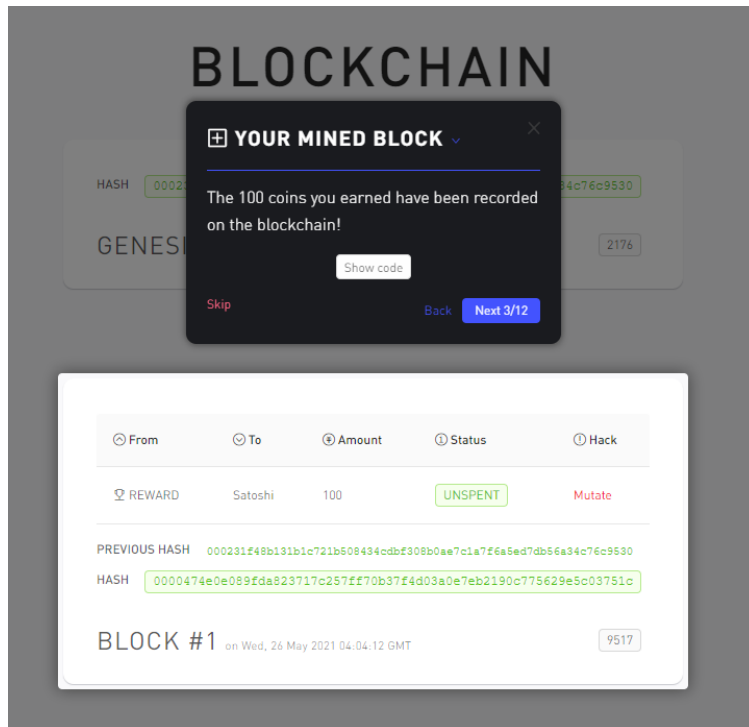
Click on the mine button and earn 100 coins!

Failure to do so will result in going back to the previous step!!

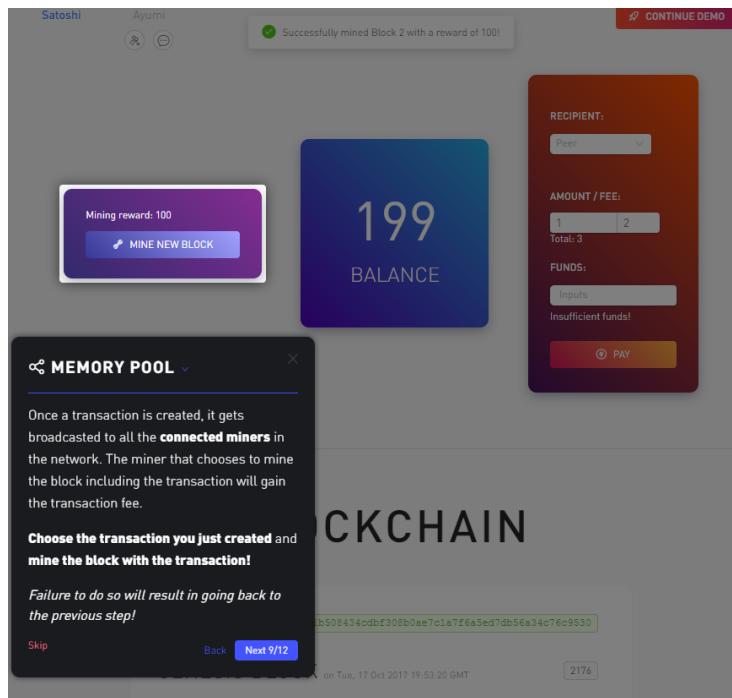
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CKCHAIN

## >> Bitcoin #2



## >> Bitcoin #3



## >> Bitcoin #4

CONTINUE

SPENT OUTPUT

Since this output was used as an input to create the transaction, it is now spent. A spent output cannot be used again as an input in another transaction.

Spending a previously spent transaction is called [double spending](#).

Show code

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From	To	Amount	Status	Hack
REWARD	Satoshi	100	SPENT	Mutate

PREVIOUS HASH

000231f48b131b1c721b508434cdbc308b0ae7c1a7f6a5ed7db56a34c76c9530

HASH

0000474e0e089fda823717c257ff70b37f4d03a0e7eb2190c775629e5c03751c

BLOCK #1

on Wed, 26 May 2021 04:04:12 GMT

9517

## >> Bitcoin #5

SHARE

TRANSACTION RECORDED

Because the transaction is now officially recorded on the blockchain, it cannot be mutated.

Mutating the data will cause the block to become invalid.

This concept is explained in detail in [blockchain demo](#).

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From	To	Amount	Status	Hack
Satoshi	Ayumi	1	UNSPENT	Mutate
CHANGE	Satoshi	97	UNSPENT	Mutate
FEE				Mutate
REWARD				Mutate

PREVIOUS HASH

00097

HASH

00097

BLOCK

341