

time

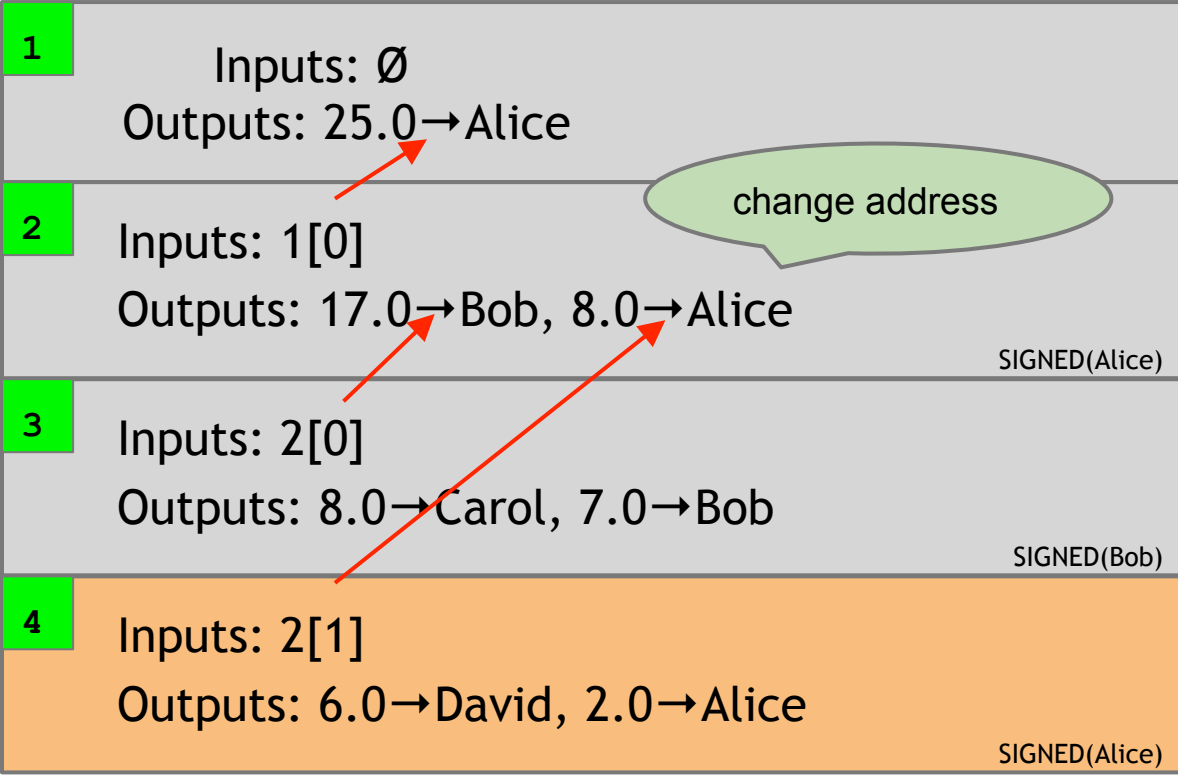
Create 25 coins and credit to Alice	ASSERTED BY MINERS
Transfer 17 coins from Alice to Bob	SIGNED(Alice)
Transfer 8 coins from Bob to Carol	SIGNED(Bob)
Transfer 5 coins from Carol to Alice	SIGNED(Carol)
Transfer 15 coins from Alice to David	SIGNED(Alice)



might need to
scan backwards
until genesis!

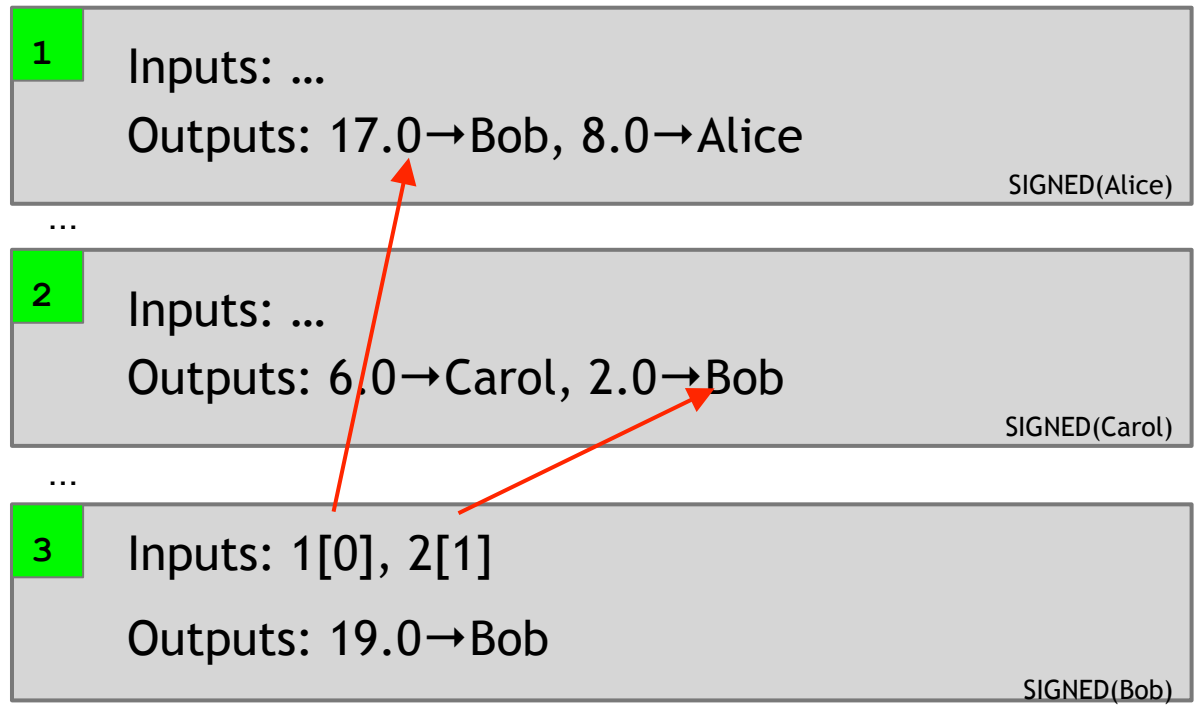
SIMPLIFICATION: only one transaction per block

time



we implement this with hash pointers

time



SIMPLIFICATION: only one transaction per block

time



1

Inputs: ...
Outputs: 17.0→Bob, 8.0→Alice

SIGNED(Alice)

...

2

Inputs: 1[1]
Outputs: 6.0→Carol, 2.0→Bob

SIGNED(Carol)

...

3

Inputs: 2[0], 2[1]
Outputs: 8.0→David

two signatures!

SIGNED(Carol), SIGNED(Bob)

SIMPLIFICATION: only one transaction per block