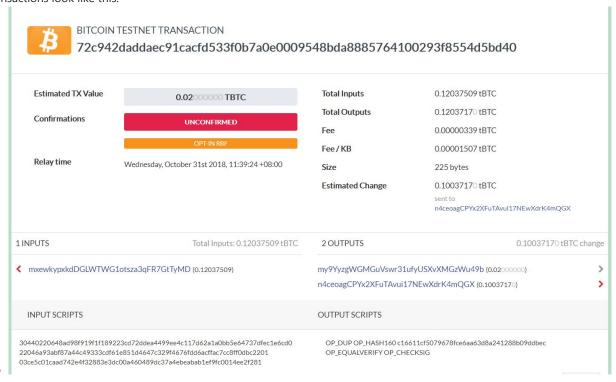
## Electrum testBitcoin

Name: Clemence Goh (1002075)

### Question 1

- Seed is needed since it is required to generate a random address
- Seed looks like this:
  - o laptop charge clap hawk toy pond pony episode ethics original habit anchor
- "Confirmations" counts the number of blocks which have been mined after the block containing the transaction has been mined in
- Transactions look like this:



- Input:
  - Senders and how much they are sending
- Output:
  - o Receivers and how much they are receiving
- No. All the balance from the sender will be sent in a transaction. However, since the receiver only receives a part of it, the other "receiver" of the balance would be the sender.

### **Question 2**

Case study:

- Total amount transacted: 3,824.17125018 tBTC (input)
- Receiving addresses:
  - o 2N5DKp2kDHoconN3LUtMx8efBQf28BSm3Mt

http://localhost:6419/

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- o n1gen1haVTyg5Ebgoj8kD2HRaxtSGhDCZP
- When did it happen: Wednesday, September 12th 2018, 23:47:03 +08:00
- Yes, it is different. All amount is paid to another account.

# Question 3

- The difference lies in the payment only.
- Payment requires all 3 cosigners to agree and create the same transaction

# Question 4

- OP\_5: 5
- OP\_1: 5, 1
- OP\_AND: 1
- OP\_HASH160: ff056d1a4cf78645eb05ac3c0e0dcaf429de0db3
- 628850cb844fe63c308c62afc8bc5351f1952a7f: ff056d1a4cf78645eb05ac3c0e0dcaf429de0db3, 628850cb844fe63c308c62afc8bc5351f1952a7f
- OP\_EQUAL: FALSE

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