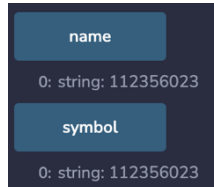


# 進階創新科技技術 Lab3

資管碩一 112356023 王博揚

1. 將代幣 name 以及 symbol 取名為自己的學號



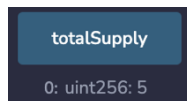
name

0: string: 112356023

symbol

0: string: 112356023

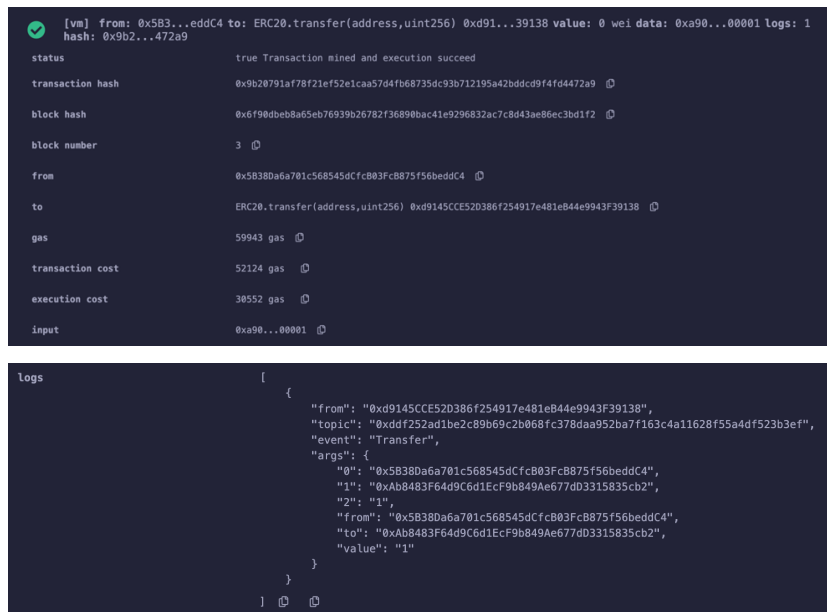
2. Mint 鑄造出至少 3 個該代幣，totalSupply 狀態  $\geq 3$  即正確



totalSupply

0: uint256: 5

3. Mint 出代幣後，傳送 1 個該代幣給帳號 2 (0xAb8...35cb2)

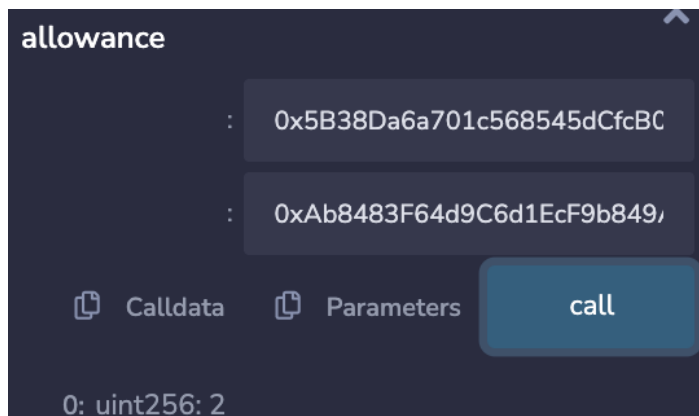


```
[vm] from: 0x5B3...eddC4 to: ERC20.transfer(address,uint256) 0xd91...39138 value: 0 wei data: 0xa90...00001 logs: 1
hash: 0x9b2...472a9

status      true Transaction mined and execution succeed
transaction hash  0x9b20791af78f21ef52e1caa57d4fb68735dc93b712195a42bddcd9f4fd4472a9
block hash      0x6f9dbeb8a5eb76939b26782f36890bac41e9296832ac7c8d43ae86ec3bd1f2
block number     3
from            0x5B38Da6a701c568545dCfcB875f56beddC4
to              ERC20.transfer(address,uint256) 0xd9145CCE52D386f254917e481eB44e9943F39138
gas             59943 gas
transaction cost 52124 gas
execution cost   38552 gas
input           0xa90...00001

logs           [
  {
    "from": "0xd9145CCE52D386f254917e481eB44e9943F39138",
    "topic": "0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",
    "event": "Transfer",
    "args": {
      "0": "0x5B38Da6a701c568545dCfcB875f56beddC4",
      "1": "0xAb8483F64d9C6d1EcF9b849Ae677d03315835cb2",
      "2": "1",
      "from": "0x5B38Da6a701c568545dCfcB875f56beddC4",
      "to": "0xAb8483F64d9C6d1EcF9b849Ae677d03315835cb2",
      "value": "1"
    }
  }
]
```

4. Approve 代幣權限給帳號 2，使其在 allowance 狀態  $> 0$  即正確



allowance

0: uint256: 2

Calldata Parameters call