

OS Bank

Interface : Tkinter (Python)

Algorithm : Bank Problem

Config Parameter : Random parameter

Cloud Platform : AWS Cloud 9

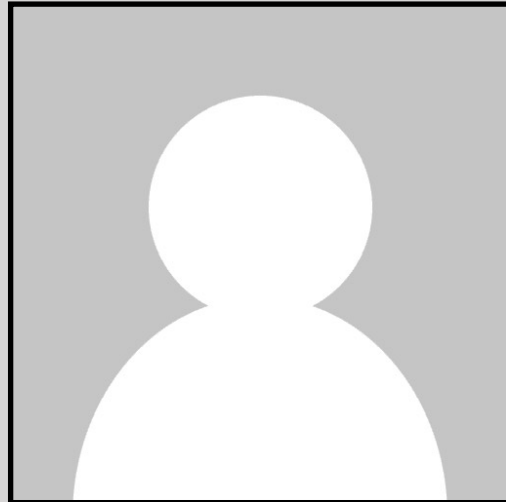
GitHub repository :

https://github.com/zihengh1/Bank_problem.git

Collaborator : tii992, fifionaLin, zihengh1

Each round will stop for 4-5 seconds

| | | |
|-----------|-----|-------------------------|
| 105703031 | 黃子恒 | Build on Cloud Platform |
| 104703020 | 黃子庭 | GUI |
| 104703047 | 林莉雯 | Algorithm |



Amy

OS Bank

Available Bank Resource

JPY: 5
TWD: 4
CNY: 2

Source Table (Current Allocation)

| | R1 | R2 | R3 |
|----|----|----|----|
| P1 | 2 | 4 | 1 |
| P2 | 3 | 1 | 0 |
| P3 | 0 | 1 | 0 |
| P4 | 2 | 1 | 0 |

Transaction Message

P1 — unsafe state
P2 — lend money
P2 — return money
P3 — unsafe state
P4 — unsafe state
P1 — unsafe state

Deadlock