Banker’s Algorithm example

- When a request is made
  - pretend you granted it
  - pretend all other legal requests were made
  - can the graph be reduced?
    - if so, allocate the requested resource
    - if not, block the thread

1. I request a pot

Allocation is OK; there is a way for me to complete, and then you can complete

2. You request a pot

Allocation is OK; there is a way for me to complete, and then you can complete

3a. You request a pan
NO! Both of us might be unable to complete!

3b. I request a pan

Allocation is OK; there is a way for me to complete, and then you can complete.