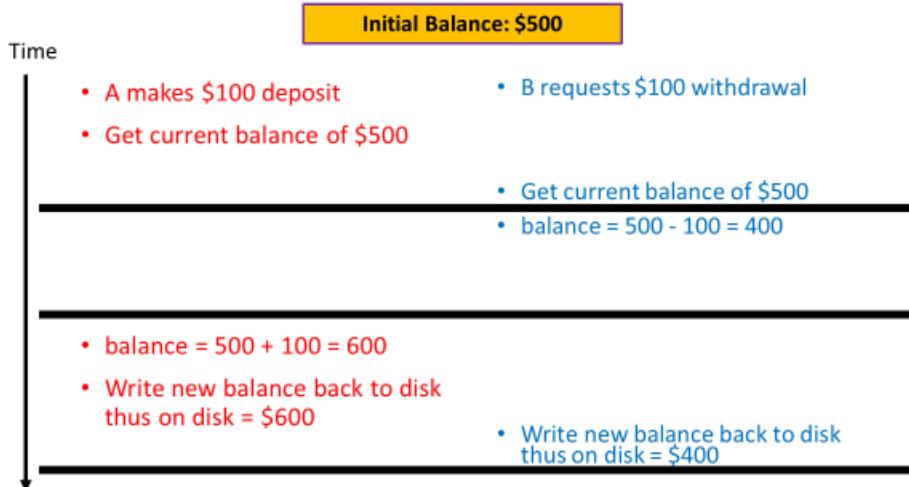


There is a bank account that both user A and B can access, get the balance, make a deposit and request a withdrawal. The initial balance is \$500. Now user A wants to make \$100 deposit and B wants to request \$100 withdrawal. Their operations roughly arrive at the same time.

Can you give an example that shows the final balance is NOT \$500? Is there any solution you can think of to solve the problem?

## Banking Example



## Final Answer?

### Banking Example (Permission-based: Lock)

