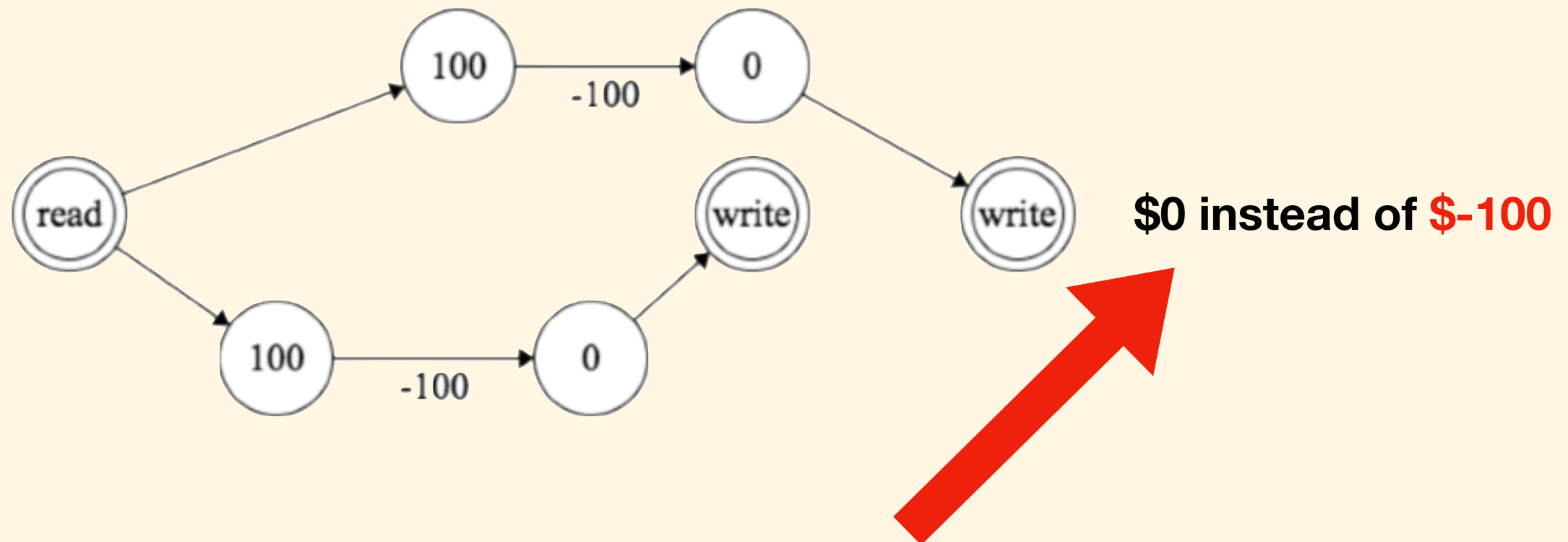# Other threads writing will break the bank

Failure if two threads execute withdrawals at once:

```
if (user.balance == 100) {
    user.balance -= 100   # 2nd thread can .save() a 100 withdrawal befo
    user.save()           # balance is now 0 but should be -100
}
```

aka "Time of check to time of use"-bug (TOCTTOU).

$0 instead of $-100

The Challenge

Dealing with concurrent write conflicts