

## "BankAccount"

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## **IMAGEN 1:**

```
BankAccount.java
                      C) G of Share
                                                                         Output
                                                               Run
 1- import java.util.concurrent.locks.Lock;
                                                                        Deposito: 1000.0
 2 import java.util.concurrent.locks.ReentrantLock;
                                                                        Saldo del deposito: 1000.0
                                                                        Deposito: 300.0
 4- public class BankAccount {
                                                                        Saldo del deposito: 1300.0
 5
        private double balance;
        private Lock lock;
 6
                                                                        --- Code Execution Successful ---
        public BankAccount() {
8-
           balance =0.0;
           lock = new ReentrantLock():
10
11
12
13+
        public void deposit(double amount) {
           lock.lock();
54
15 -
           try {
16
               balance == amount;
               System.out.println("Deposito: " = amount);
17
18
               System.out.println("Saldo del deposito: " + balance);
19-
            } finally (
20
               lock.unlock();
21
22
23
24 -
        public void withdraw(double amount) {
           lock.lock();
25
26-
            try (
               if (balance >= amount) {
77.
                   balance = amount;
28
```

## **IMAGEN 2:**

