

Encapsulation Exercise

DodgyBankAccount

The class has public fields that can be read or written by any calling program. The field `AccountBalance` can be changed to any `Int32` value.

The `AddReward()` method is public so can be called without making a deposit.

SecureBankAccount

This class has private fields that can only be modified by calling the public methods. You can still get a reward by making a deposit of 0 though. You can also pass a negative amount to `DebitAmount()` in order to fool the system into increasing your balance.

`AddReward()` could be renamed to `AddDepositReward()` to make clear it's function.