



# Testing Spring

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Beginner to Guru

TDD 15 - Mixed Currencies



## TDD To-Do List

- **\$5 + 10 CHF = \$10 (with rate of 2:1)**
- ~~\$5 + \$5 = \$10~~
- Return Money from \$5 + \$5
- ~~Reduce Money with Conversion~~
- ~~Bank.reduce(Money)~~
- ~~\$5 \* 2 = \$10~~
- ~~Make "amount" private~~
- ~~Dollar side effects?~~
- Money Rounding?
- equals()
- hashCode()
- Equal Null Equal Object
- ~~5 CHF \* 2 = 10 CHF~~
- ~~Dollar/Franc Duplication~~
- ~~Common equals()~~
- ~~Common times()~~
- ~~Compare Francs With Dollars~~
- ~~Currency~~
- ~~Delete testFrancMultiplication?~~

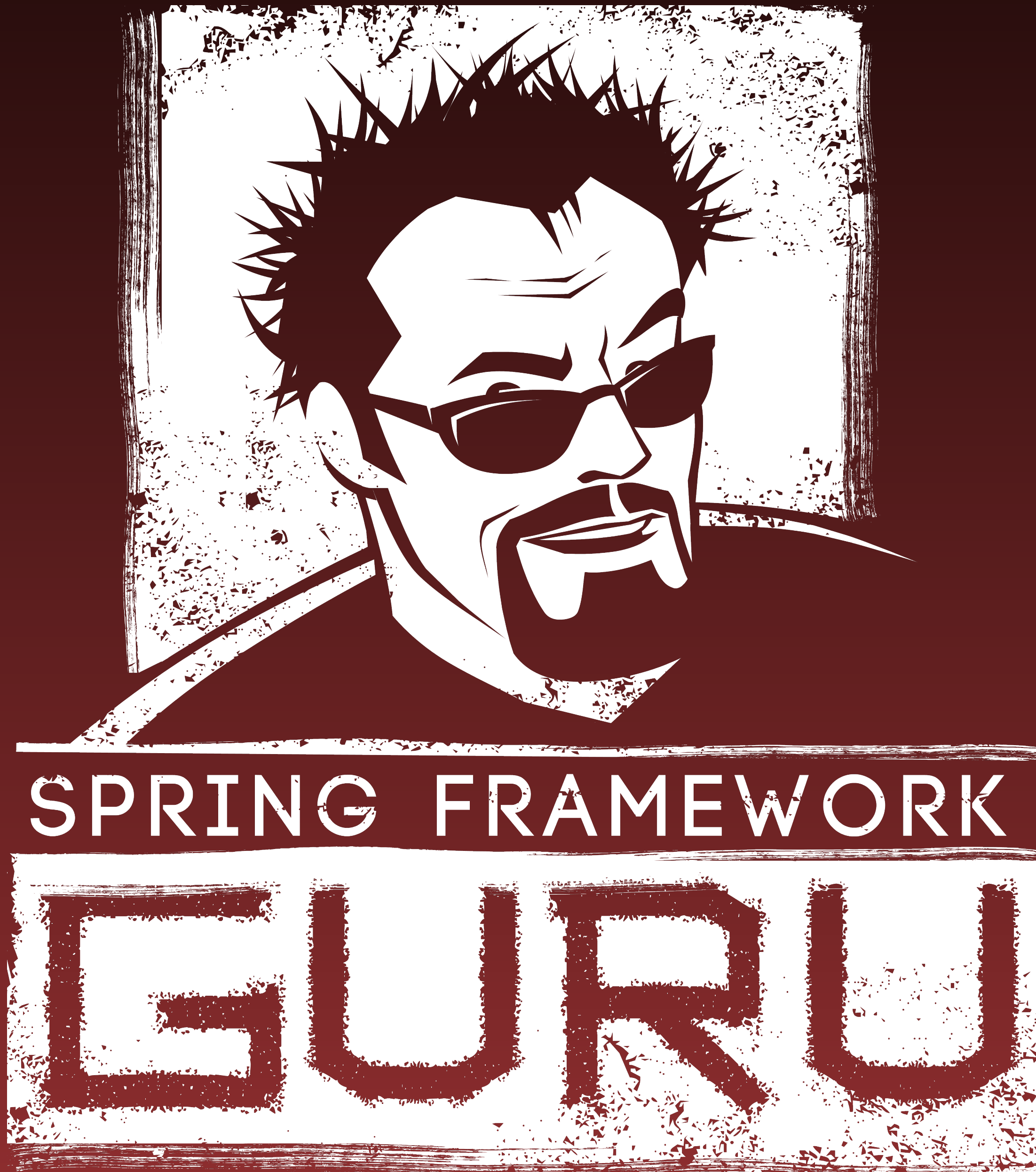




## Tasks

- Sum needs to use Bank.reduce
- Money Objects can be Expressions
  - Money in Sum can be Expressions
  - Money Plus can accept Expression
- Expression should have plus() and times()









## TDD To-Do List

- ~~\$5 + 10 CHF = \$10 (with rate of 2:1)~~
- ~~\$5 + \$5 = \$10~~
- Return Money from \$5 + \$5
- Sum.plus
- Expression.times
- ~~Reduce Money with Conversion~~
- ~~Bank.reduce(Money)~~
- ~~\$5 \* 2 = \$10~~
- Make "amount" private
- ~~Dollar side effects?~~
- Money Rounding?
- equals()
- hashCode()
- Equal Null Equal Object
- ~~5 CHF \* 2 = 10 CHF~~
- ~~Dollar/Franc Duplication~~
- ~~Common equals()~~
- ~~Common times()~~
- ~~Compare Francs With Dollars~~
- ~~Currency~~
- ~~Delete testFrancMultiplication?~~



