Summarizer 1101

18th of March 2018

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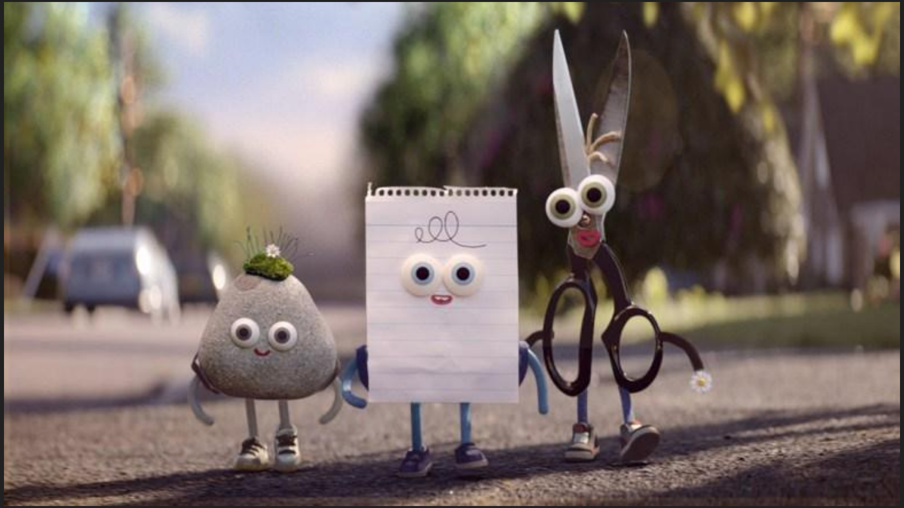
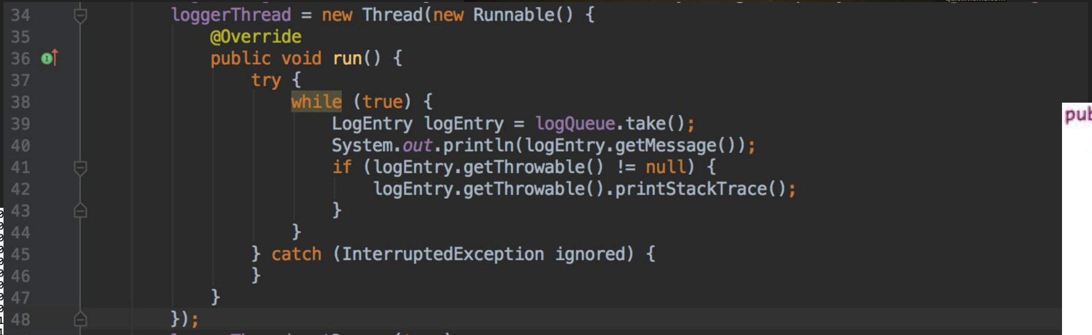
Mad Photoshop skills...

What we expected

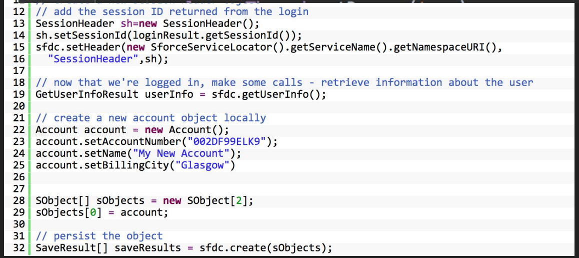
Rock Paper Scissors



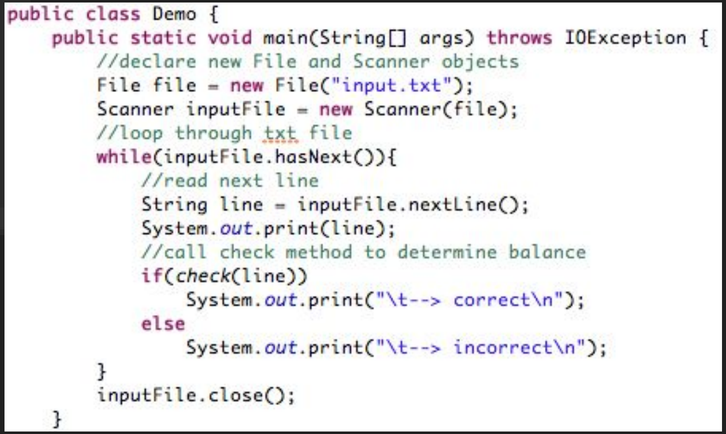
What we got



```java
loggerThread = new Thread(new Runnable() {
    @Override
    public void run() {
        try {
            while (true) {
                LogEntry logEntry = logQueue.take();
                System.out.println(logEntry.getMessage());
                if (logEntry.getThrowable() != null) {
                    logEntry.getThrowable().printStackTrace();
                }
            }
        } catch (InterruptedException ignored) {
        }
    }
});
```



```java
// add the session ID returned from the login
SessionHeader sh=new SessionHeader();
sh.setSessionId(loginResult.getSessionId());
sfdc.setHeader(new SforceServiceLocator().getServiceName().getNamespaceURI(),
  "SessionHeader",sh);

// now that we're logged in, make some calls - retrieve information about the user
GetUserInfoResult userInfo = sfdc.getUserInfo();

// create a new account object locally
Account account = new Account();
account.setAccountNumber("002DF99ELK9");
account.setName("My New Account");
account.setBillingCity("Glasgow")



SObject[] sObjects = new SObject[2];
sObjects[0] = account;

// persist the object
SaveResult[] saveResults = sfdc.create(sObjects);
```

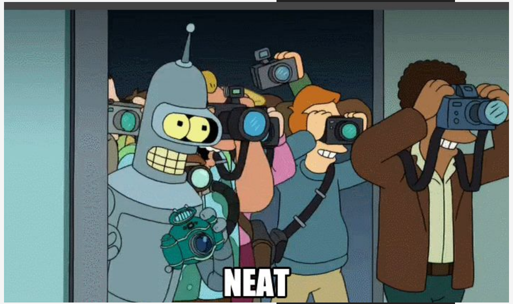


```java
public class Demo {
    public static void main(String[] args) throws IOException {
        //declare new File and Scanner objects
        File file = new File("input.txt");
        Scanner inputFile = new Scanner(file);
        //loop through txt file
        while(inputFile.hasNext()){
            //read next line
            String line = inputFile.nextLine();
            System.out.print(line);
            //call check method to determine balance
            if(check(line))
                System.out.print("\t--> correct\n");
            else
                System.out.print("\t--> incorrect\n");
        }
        inputFile.close();
    }
```

What I did

Hand.java

```
package org.academiadecodigo.stormrooters.rockpaperscissors;

public enum Hand {

    ROCK,
    PAPER,
    SCISSORS;


    public static Hand getHand(int number) {

        Hand choice = null;

        switch (number) {

            case 1:
                choice = Hand.ROCK;
                break;
            case 2:
                choice = Hand.PAPER;
                break;
            case 3:
                choice = Hand.SCISSORS;
                break;
        }

        return choice;
    }
}
```



Player.java

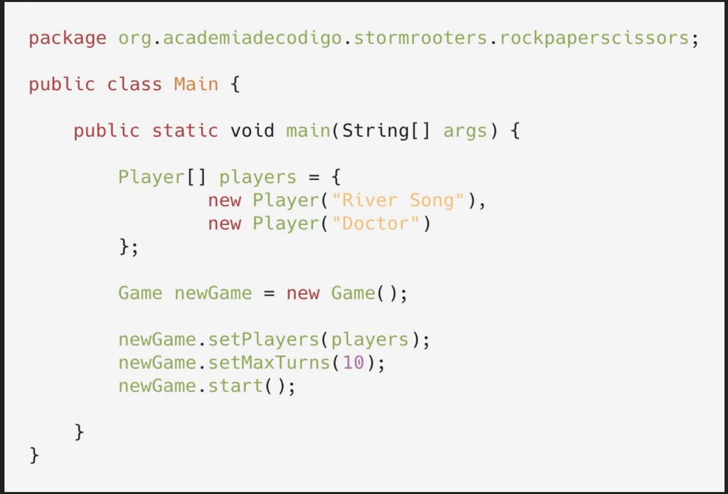
```
package org.academiadecodigo.stormrooters.rockpaperscissors;

import org.academiadecodigo.stormrooters.rockpaperscissors.utils.RandomGenerator;

public class Player {
    private String name;
    private int wins;

    public Player(String name) {

        this.name = name;
    }

    public Hand pickHand() {

        int hand = RandomGenerator.getRandom(1, 3);

        return Hand.getHand(hand);
    }

    public String getName() {
        return name;
    }

    public void setWins(int wins) {
        this.wins = wins;
    }

    public int getWins() {
        return wins;
    }
}
```

Game.java

```java
public class Game {

    private int maxTurns;
    private int currentTurn;
    private Player[] players;

    public void start() {

        this.currentTurn = 1;
        playersHand();
        getWinner();
    }

    public void playersHand() {

        Player one = players[0];
        Player two = players[1];

        while (true) {

            if ((one.getWins() != two.getWins() &&
                    Math.max(one.getWins(), two.getWins()) > (maxTurns / 2))
                    ||
                    (currentTurn - 1) == maxTurns &&
                            one.getWins() != two.getWins()
                    ||
                    (maxTurns - (currentTurn - 1)) < Math.abs(one.getWins() - two.getWins())) {

                break;
            }

            if (((currentTurn - 1) == maxTurns) &&
                    one.getWins() == two.getWins()) {

                this.maxTurns++;
            }

            Hand playerOneHand = one.pickHand();
            Hand playerTwoHand = two.pickHand();

            evaluateHands(playerOneHand, playerTwoHand);

        }
    }
```

```java
    public void evaluateHands(Hand oneHand, Hand twoHand) {
        Player one = players[0];
        Player two = players[1];

        System.out.println("Turn " + currentTurn);
        System.out.println(one.getName() + ": " + oneHand + "\n" + two.getName() + ": " + twoHand);

        if (oneHand == twoHand) {

            System.out.println("It's a tie!\n");
            this.currentTurn++;

        } else if ((oneHand == Hand.PAPER && twoHand == Hand.ROCK) ||
                oneHand == Hand.ROCK && twoHand == Hand.SCISSORS ||
                oneHand == Hand.SCISSORS && twoHand == Hand.PAPER) {

            System.out.println(one.getName() + " wins this round!!\n");

            this.currentTurn++;

            one.setWins(one.getWins() + 1);

        } else {

            System.out.println(two.getName() + " wins this round!!\n");

            this.currentTurn++;
            two.setWins(two.getWins() + 1);
        }

        System.out.println(one.getName() + ": " + one.getWins() + "; " + two.getName() + ": " + two.getWins() + "\n");
    }

    public void getWinner() {
        Player one = players[0];
        Player two = players[1];

        String winner;

        if (one.getWins() > two.getWins()) {

            winner = one.getName() + " wins the game!";

        } else {

            winner = two.getName() + " wins the game!";

        }

        System.out.println(winner);
    }

    public void setMaxTurns(int maxTurns) {

        this.maxTurns = maxTurns;
    }

    public void setPlayers(Player[] players) {

        this.players = players;
    }

}
```

Main.java

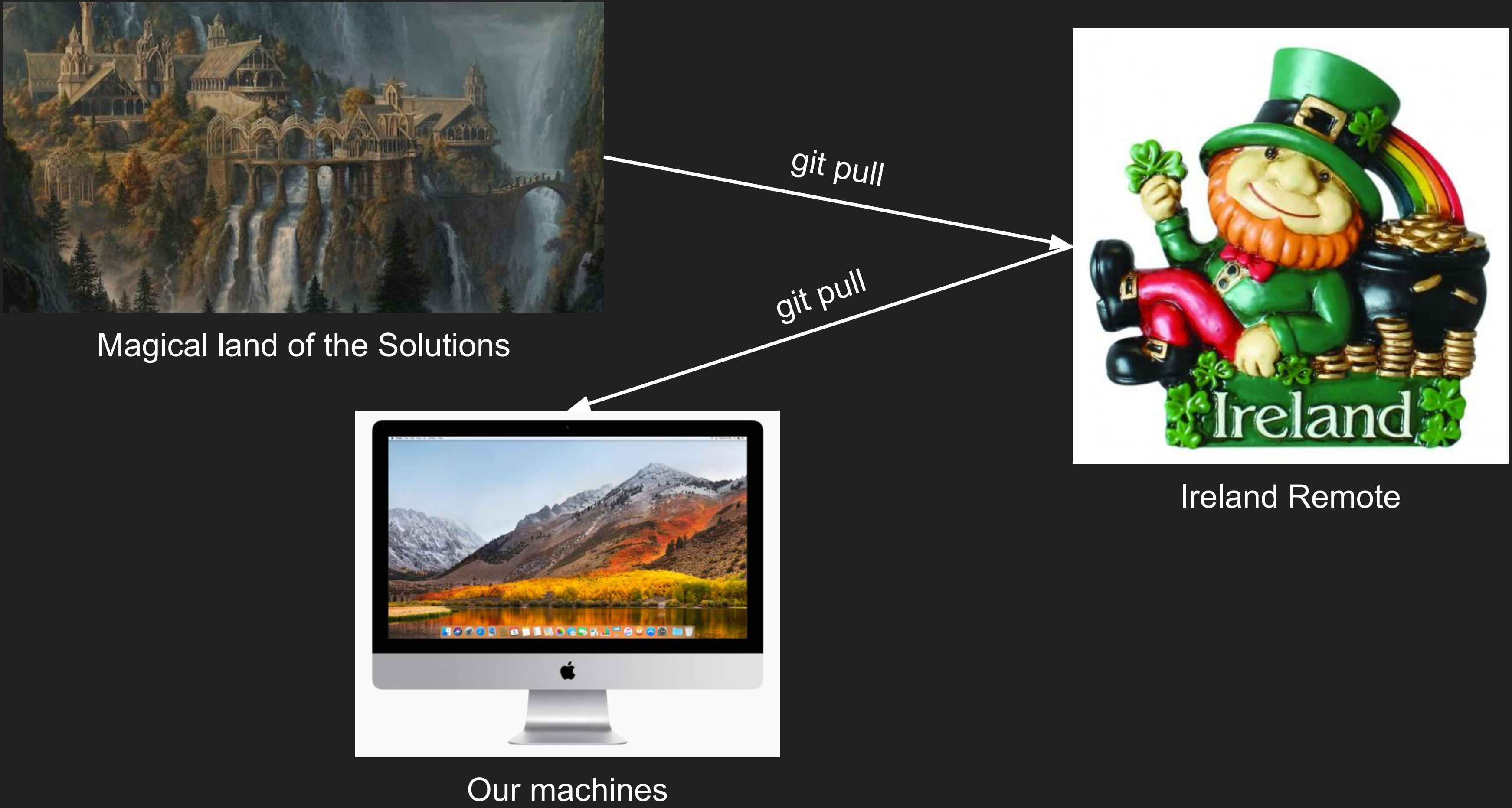


```java
package org.academiadecodigo.stormrooters.rockpaperscissors;

public class Main {

    public static void main(String[] args) {

        Player[] players = {
                new Player("River Song"),
                new Player("Doctor")
        };

        Game newGame = new Game();

        newGame.setPlayers(players);
        newGame.setMaxTurns(10);
        newGame.start();

    }
}
```

```
Turn 1
River Song: SCISSORS
Doctor: ROCK
Doctor wins this round!!

River Song: 0; Doctor: 1

Turn 2
River Song: PAPER
Doctor: PAPER
It's a tie!

River Song: 0; Doctor: 1

Turn 3
River Song: ROCK
Doctor: ROCK
It's a tie!

River Song: 0; Doctor: 1

Turn 4
River Song: SCISSORS
Doctor: SCISSORS
It's a tie!

River Song: 0; Doctor: 1

Turn 5
River Song: ROCK
Doctor: ROCK
It's a tie!

River Song: 0; Doctor: 1

Turn 6
River Song: ROCK
Doctor: PAPER
Doctor wins this round!!

River Song: 0; Doctor: 2

Turn 7
River Song: ROCK
Doctor: ROCK
It's a tie!

River Song: 0; Doctor: 2

Turn 8
River Song: SCISSORS
Doctor: ROCK
Doctor wins this round!!

River Song: 0; Doctor: 3

Doctor wins the game!
```

How did I do it??

How to get the solutions



git pull

git pull

Magical land of the Solutions

Ireland Remote

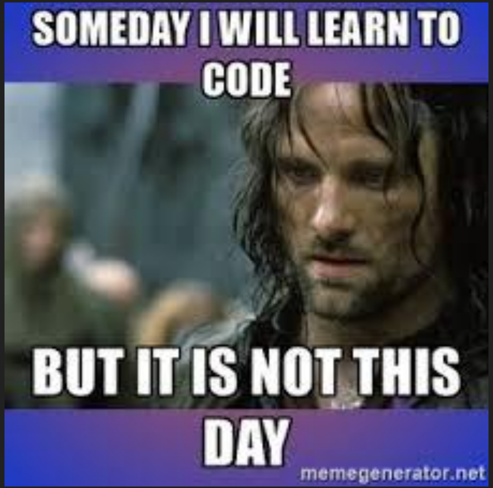
Our machines

What we expected

Money in the Bank

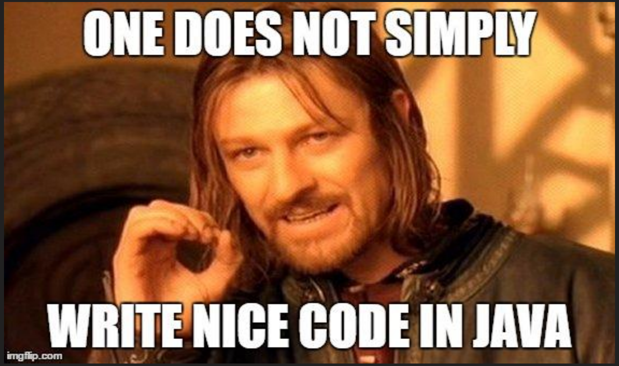
More mad Photoshop skills...

What we got

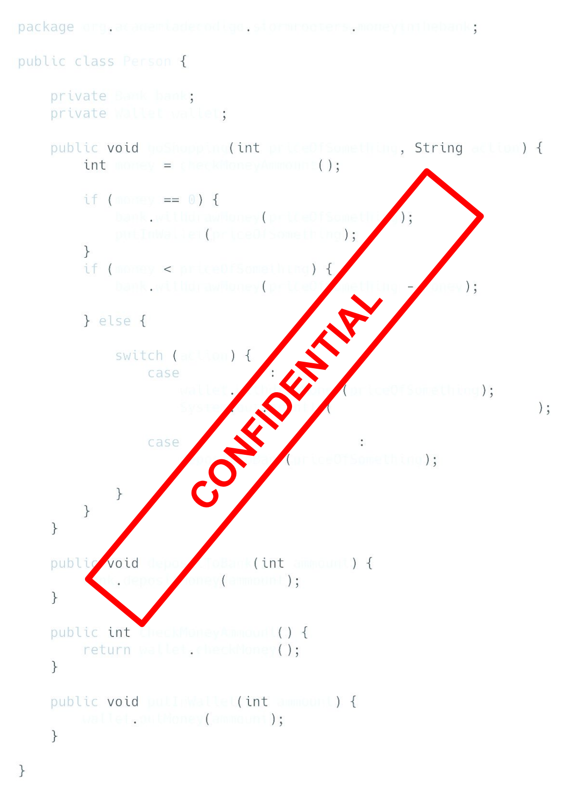

SOMEDAY I WILL LEARN TO CODE
BUT IT IS NOT THIS DAY
memegenerator.net

I DON'T ALWAYS CODE JAVA FROM SCRATCH
BUT WHEN I DO, I WANT TO FUCKING KILL MYSELF

What I did



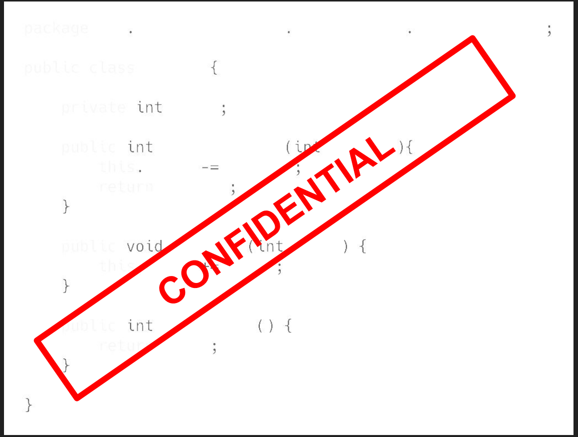
Person.java



```java
package org.academiadecodigo.stormrooters.moneyinthebank;

public class Person {

    private Bank bank;
    private Wallet wallet;

    public void goShopping(int priceOfSomething, String action) {
        int money = checkMoneyAmmount();

        if (money == 0) {
            bank.withdrawMoney(priceOfSomething);
            putInWallet(priceOfSomething);
        }
        if (money < priceOfSomething) {
            bank.withdrawMoney(priceOfSomething - money);

        } else {

            switch (action) {
                case          :
                    wallet.          (priceOfSomething);
                    System.out.      (                          );

                case                    :
                          (priceOfSomething);


            }
        }
    }

    public void depositToBank(int ammount) {
        bank.depositMoney(ammount);
    }

    public int checkMoneyAmmount() {
        return wallet.checkMoney();
    }

    public void putInWallet(int ammount) {
        wallet.putMoney(ammount);
    }

}
```

CONFIDENTIAL

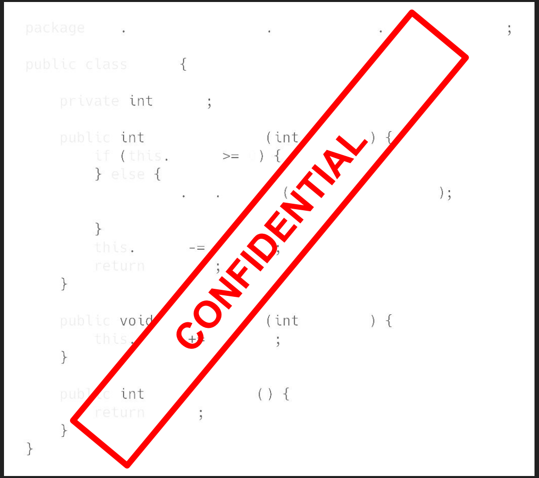
Wallet.java



```java
package     .              .          .              ;

public class        {

    private int      ;

    public int             (int        ){
        this.     -=        ;
        return       ;
    }

    public void        (int         ) {
        this.     +=        ;
    }

    public int           () {
        return      ;
    }

}
```

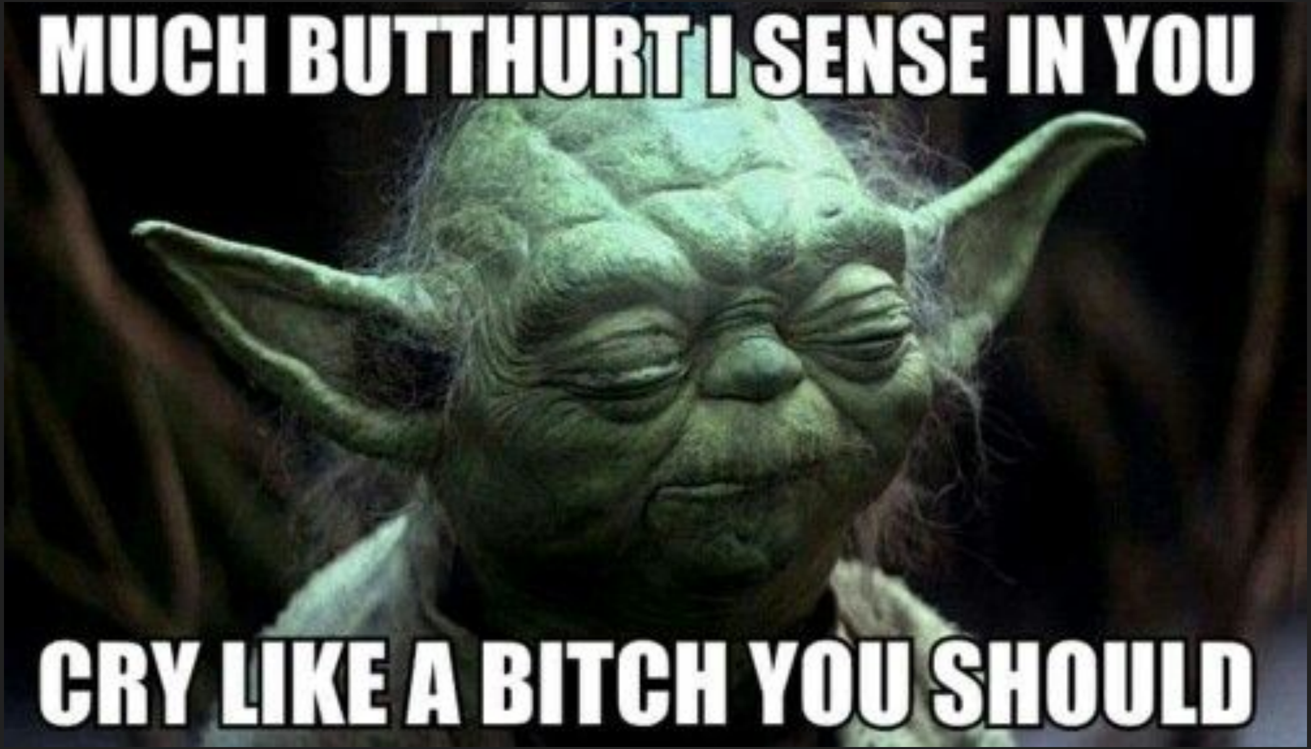
CONFIDENTIAL

Bank.java

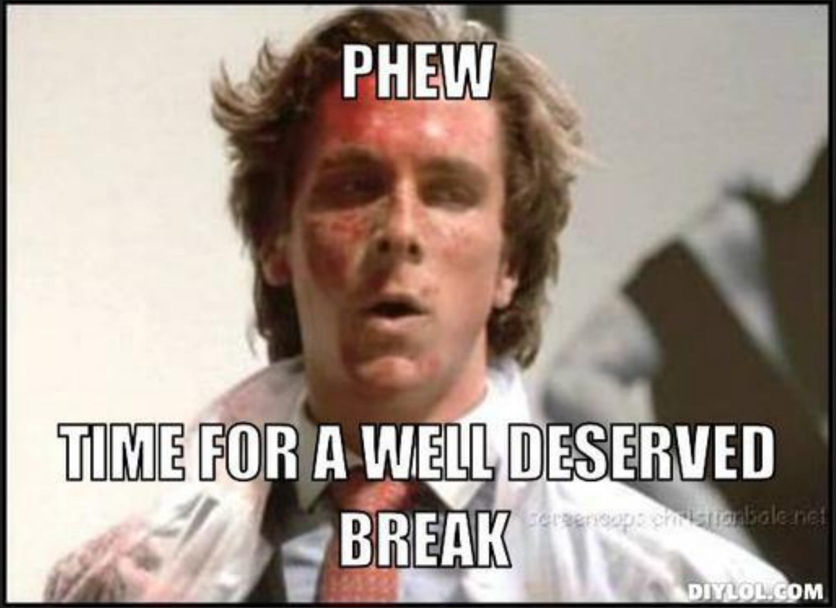


```java
package     .              .          .              ;

public class      {

    private int      ;

    public int              (int          ) {
        if (this.      >= 0) {
        } else {
                .   .      (                    );

        }
        this.      -=       ;
        return       ;
    }

    public void        (int          ) {
        this.      +=        ;
    }

    public int            () {
        return      ;
    }
}
```

CONFIDENTIAL



Blame the masters...



PHEW
TIME FOR A WELL DESERVED BREAK
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