

Consider the following definitions of the classes `CornerStore` and `CashRegister`. Notice that you are *not* given a definition of the class `Cashier` - its definition is irrelevant for the purposes of this question.

```
package exam6;

public class CornerStore {

    private Cashier _nextShiftCashier;
    private CashRegister _cashRegister;

    public CornerStore(Cashier cashier1, Cashier cashier2) {
        _cashRegister = new CashRegister(cashier1);
        _nextShiftCashier = cashier2;
    }

    public void changeCashierShift() {
        Cashier cashierComingOffShift = _cashRegister.getCashier();
        _cashRegister.setCashier(_nextShiftCashier);
        _nextShiftCashier = cashierComingOffShift;
    }

}
```

```
package exam6;

public class CashRegister {

    private Cashier _cashier;

    public CashRegister(Cashier initialCashier) {
        _cashier = initialCashier;
    }

    public Cashier getCashier() {
        return _cashier;
    }

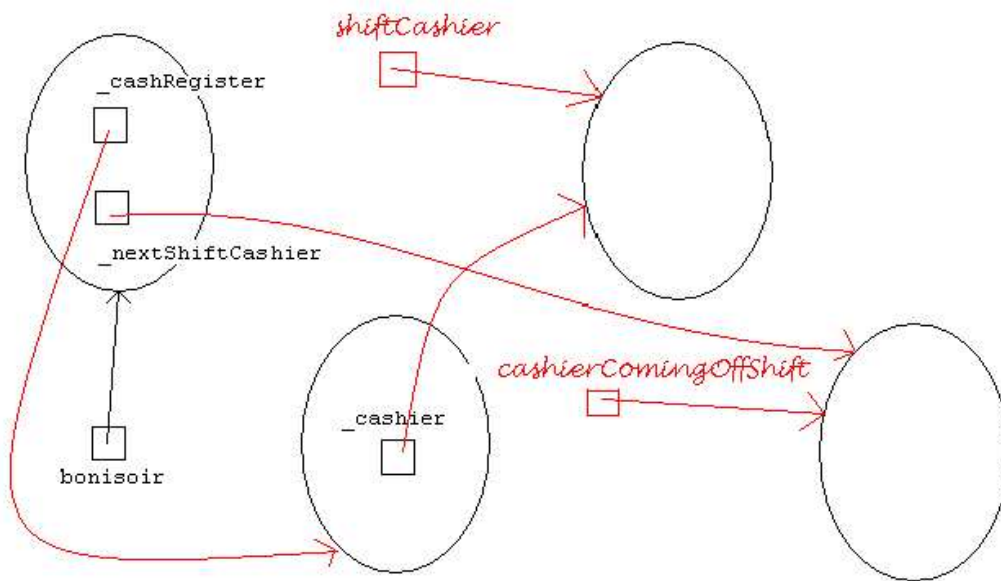
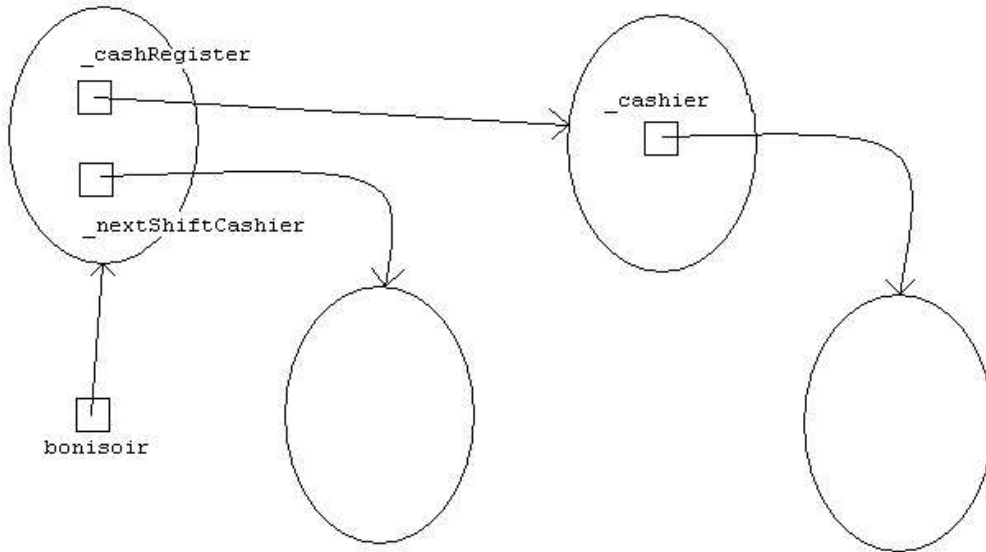
    public void setCashier(Cashier shiftCashier) {
        _cashier = shiftCashier;
    }

}
```

Question 1

[10 marks]

The following object diagram shows the current state of a program involving instances of the above classes. Fill in the references in the blank diagram below to show what the program state after the following method call has been completed: `bonisoir.changeCashierShift()`. Be sure to add to the diagram any local variables that are created during the execution of this method call, and their values!



SOLUTION #6 — 2.5%

Name (print, surname first): _____

Monday, October 15 [version 1 of 4]

Signature: _____

10 minutes

Person #: _____

 A1 (T@8) A2 (W@4) A3 (R@12) A4 (W@8)

This assessment has 2 pages. Check that you have a complete paper.

Each candidate should be prepared to produce, upon request, his or her SUNY/UB card.

This examination has 1 questions. Answer all 1 questions.

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Do not write below this line!

Question	Points
1	/10
TOTAL	/10