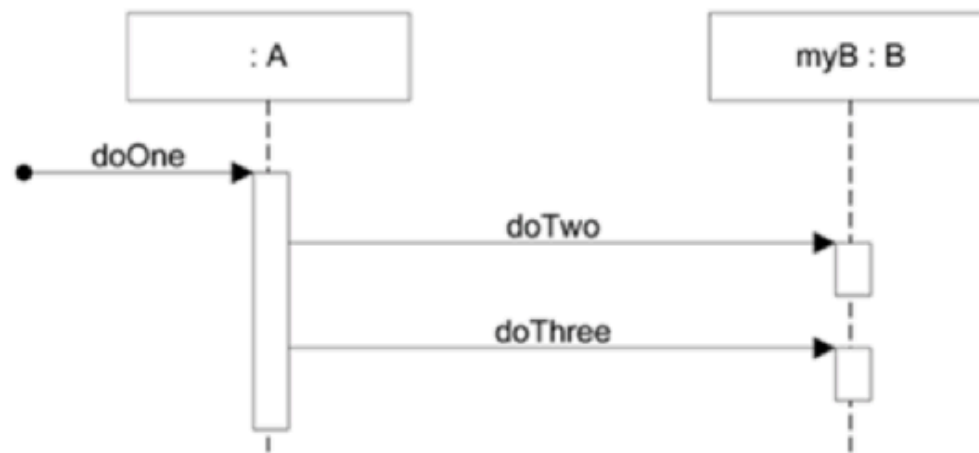# Sequence Diagrams

Figure 15.1. Sequence diagram.
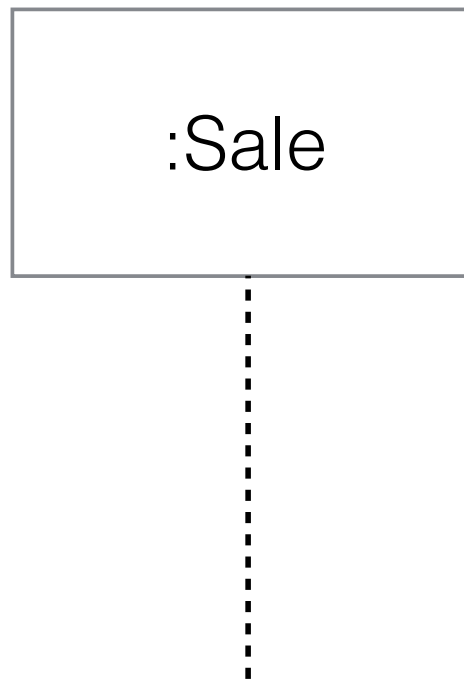
How can we turn this into code?
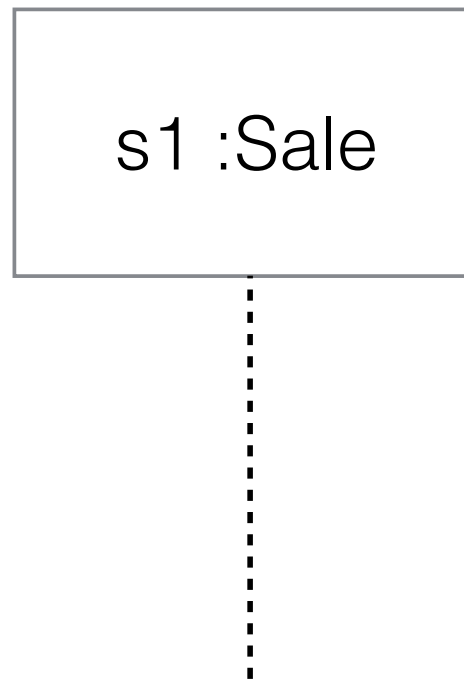
Why interaction diagram is important?

WHY?

Notations - Life line box

:Sale

Notations - Life line box

s1 :Sale

Notations - Life line box

sales :
ArrayList<Sale>

Notations - Life line box

sales[i] : Sale

Notations - Singleton

```
┌──────────────────────────┐
│                       1  │
│      : Store             │
│                          │
└────────────┊─────────────┘
             ┊
             ┊
             ┊
             ┊
             ┊
```
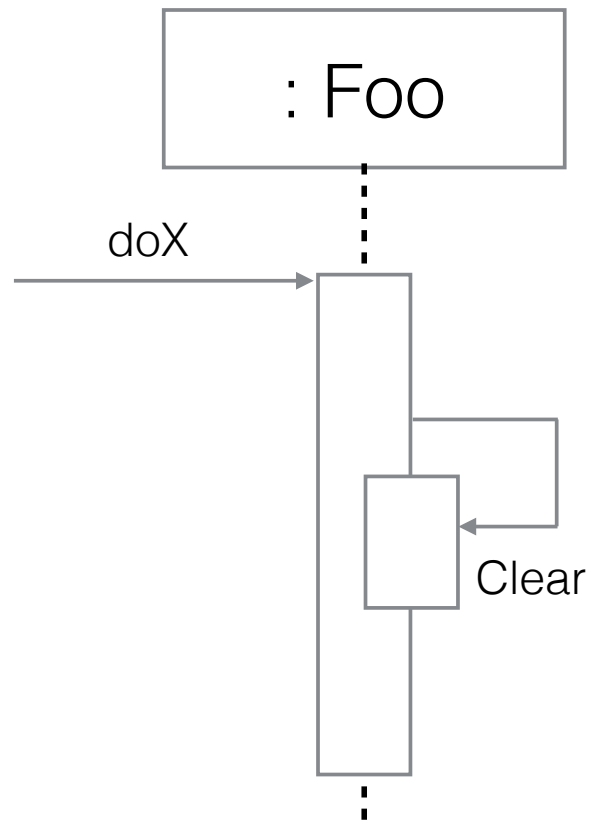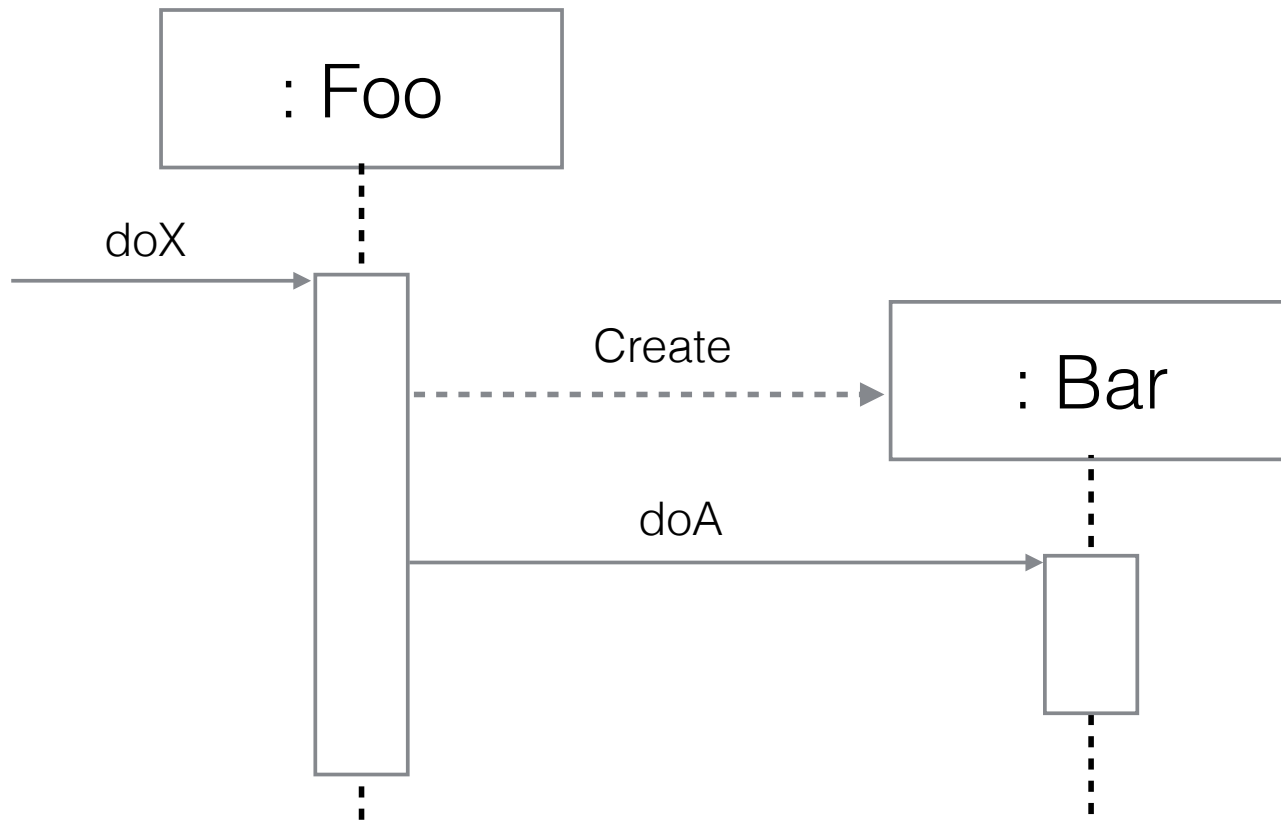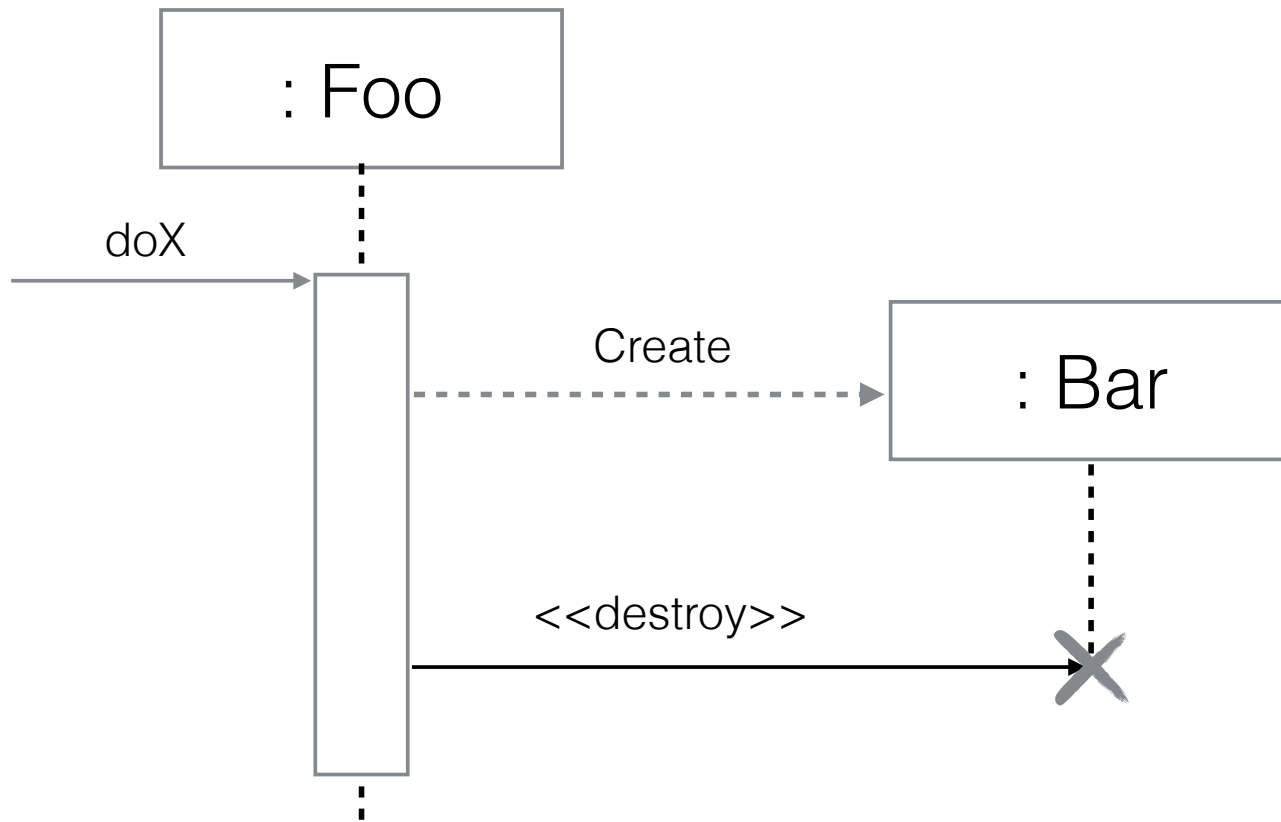
Notations - Message
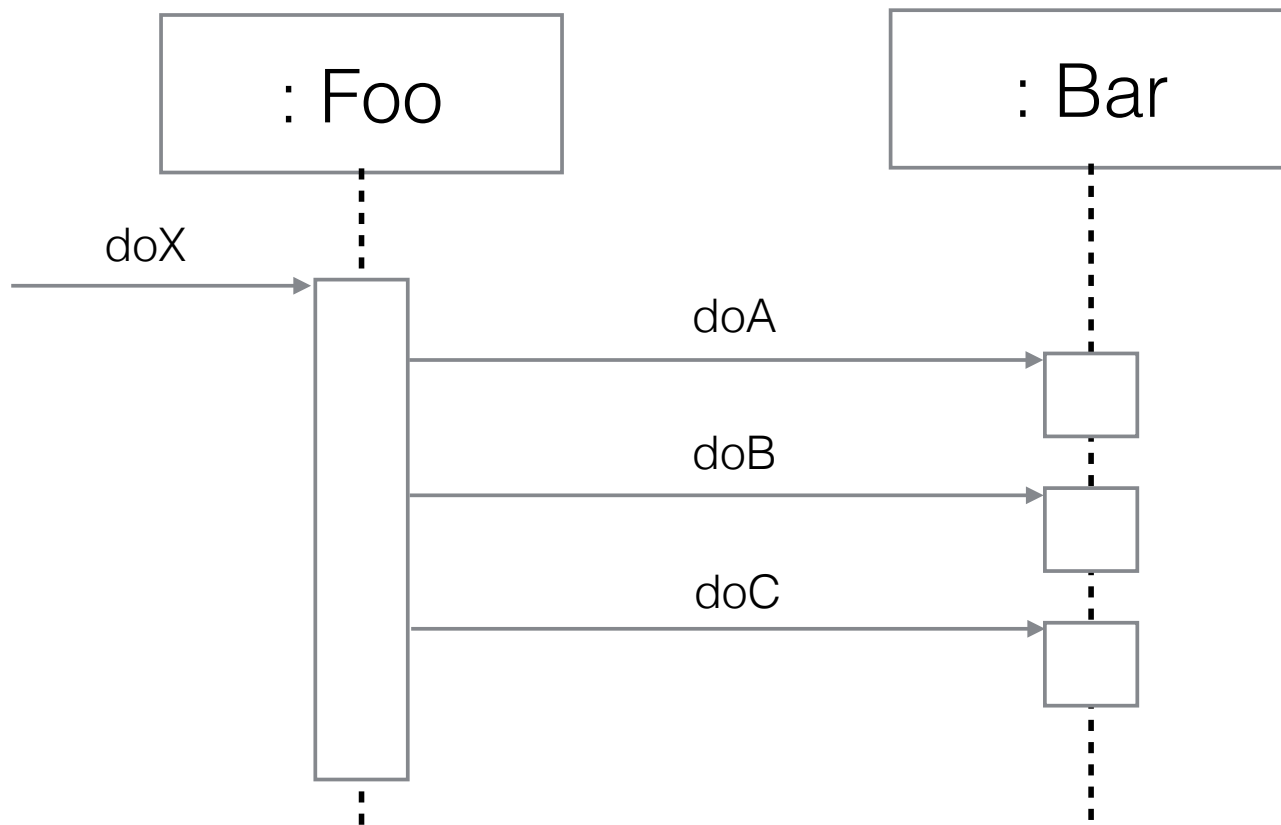
Notations - Returns
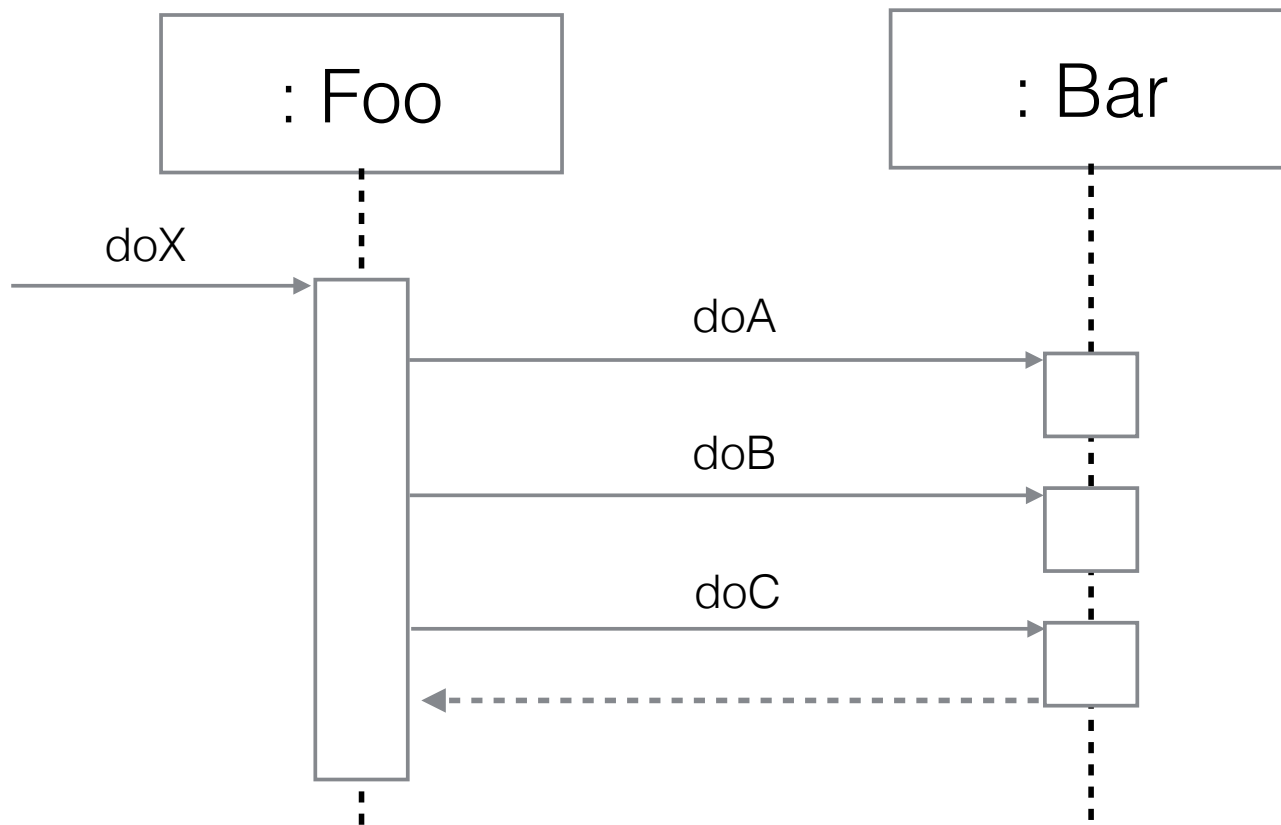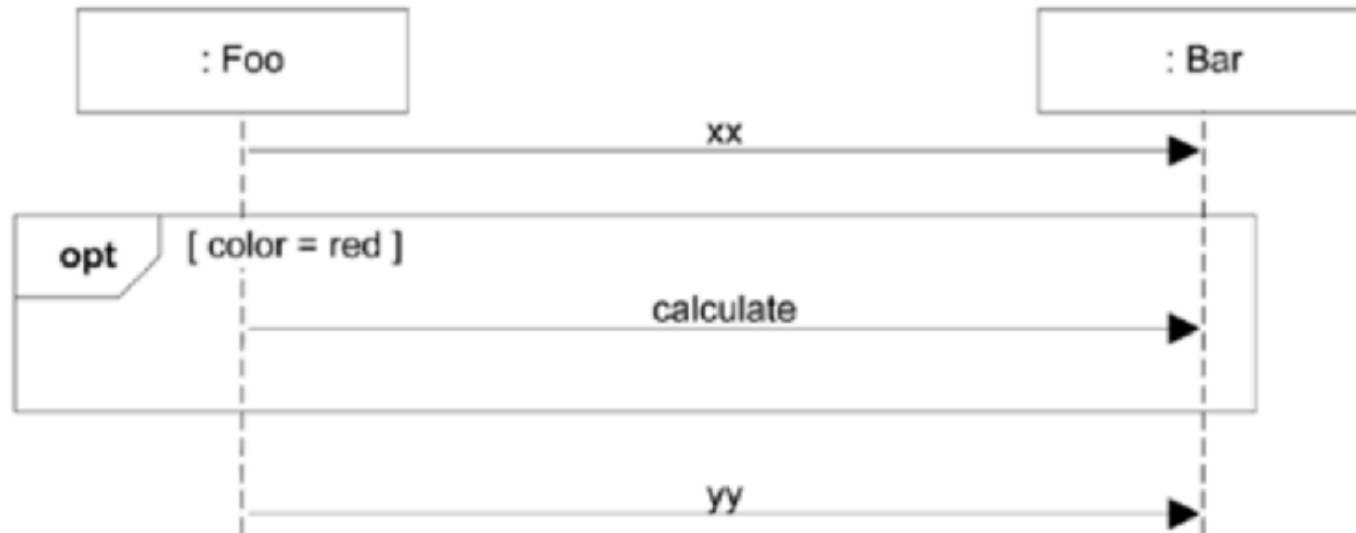
Notations - self/this

Notations - Creation

Notations - Termination
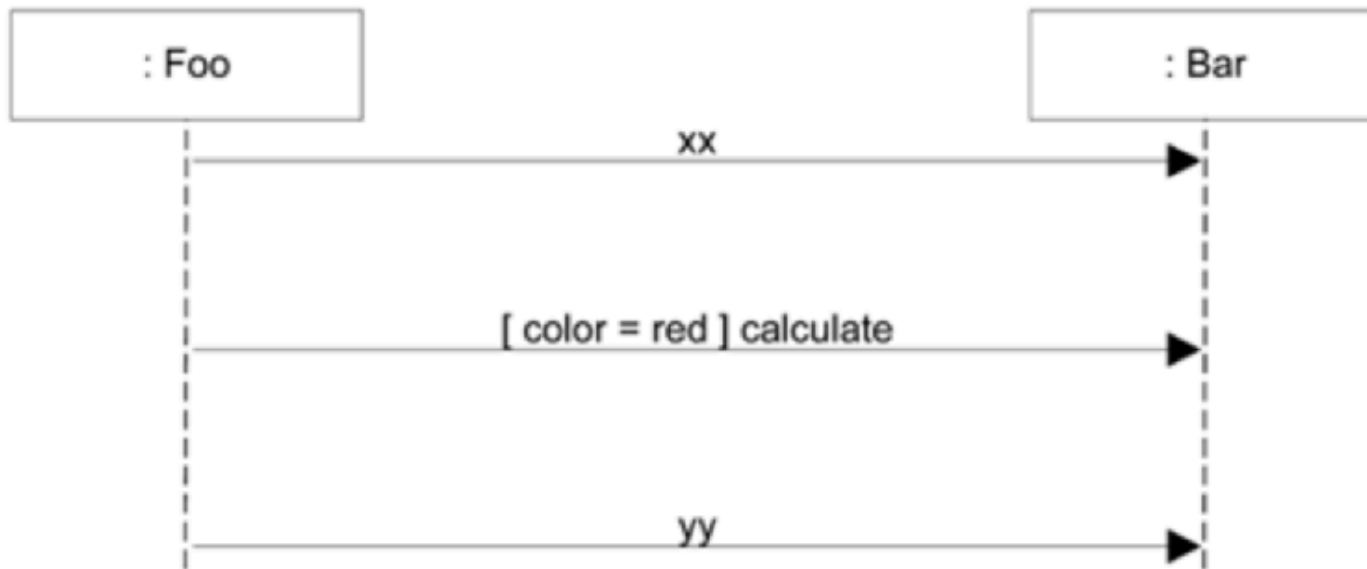
: Foo

doX

Create

: Bar
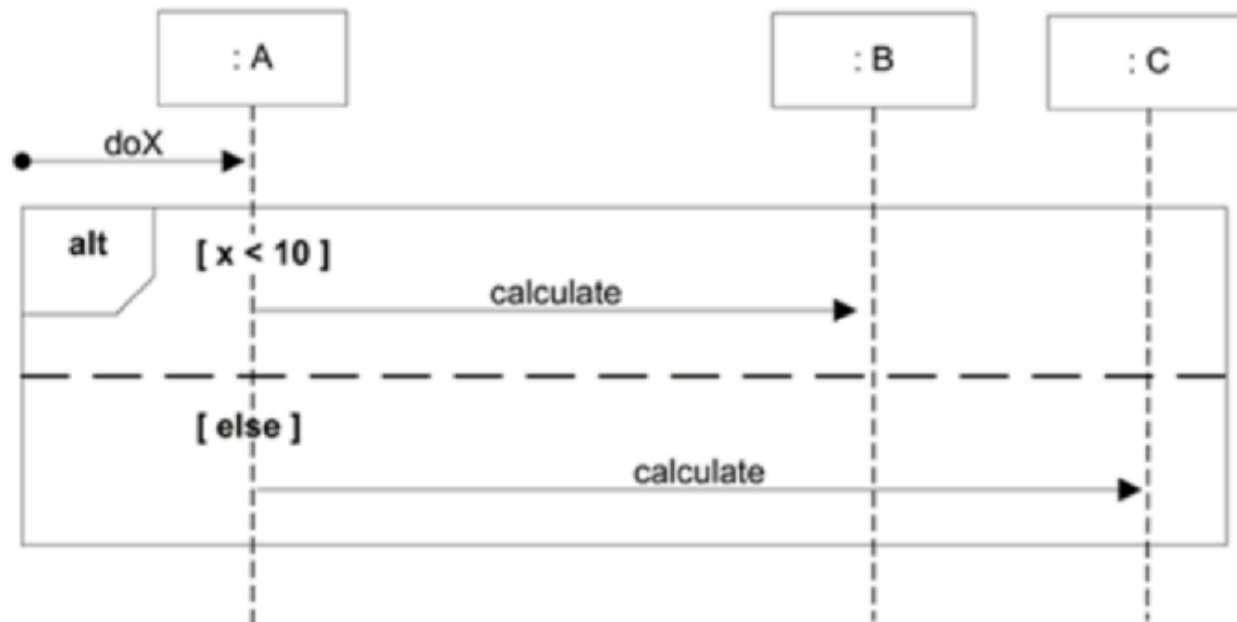
<<destroy>>

Notations - Loop
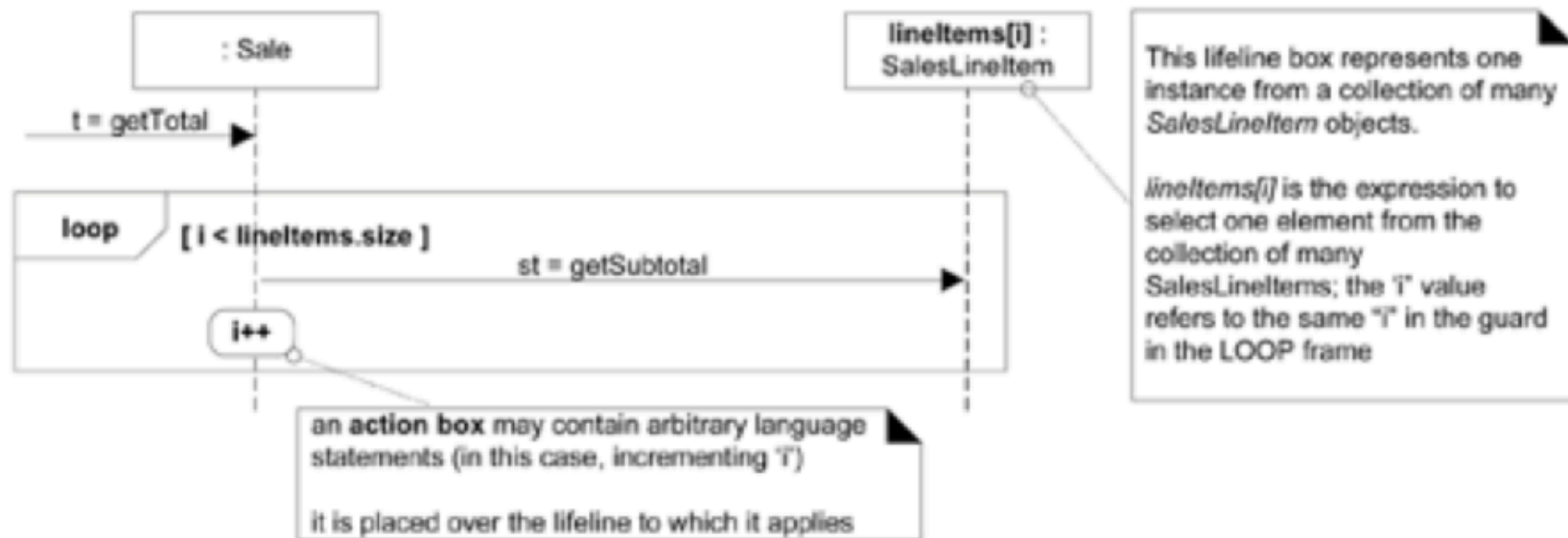
Notations - Conditional

Notations - Conditional (2)
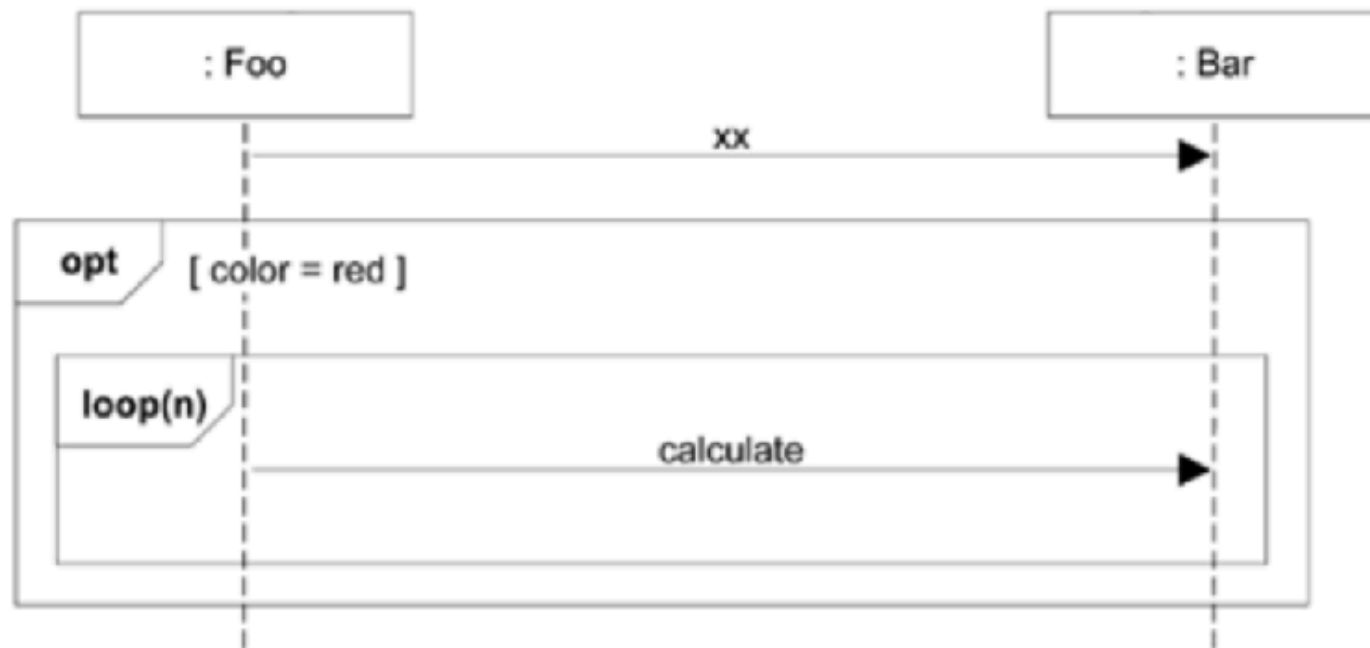
Notations - Conditional (3)
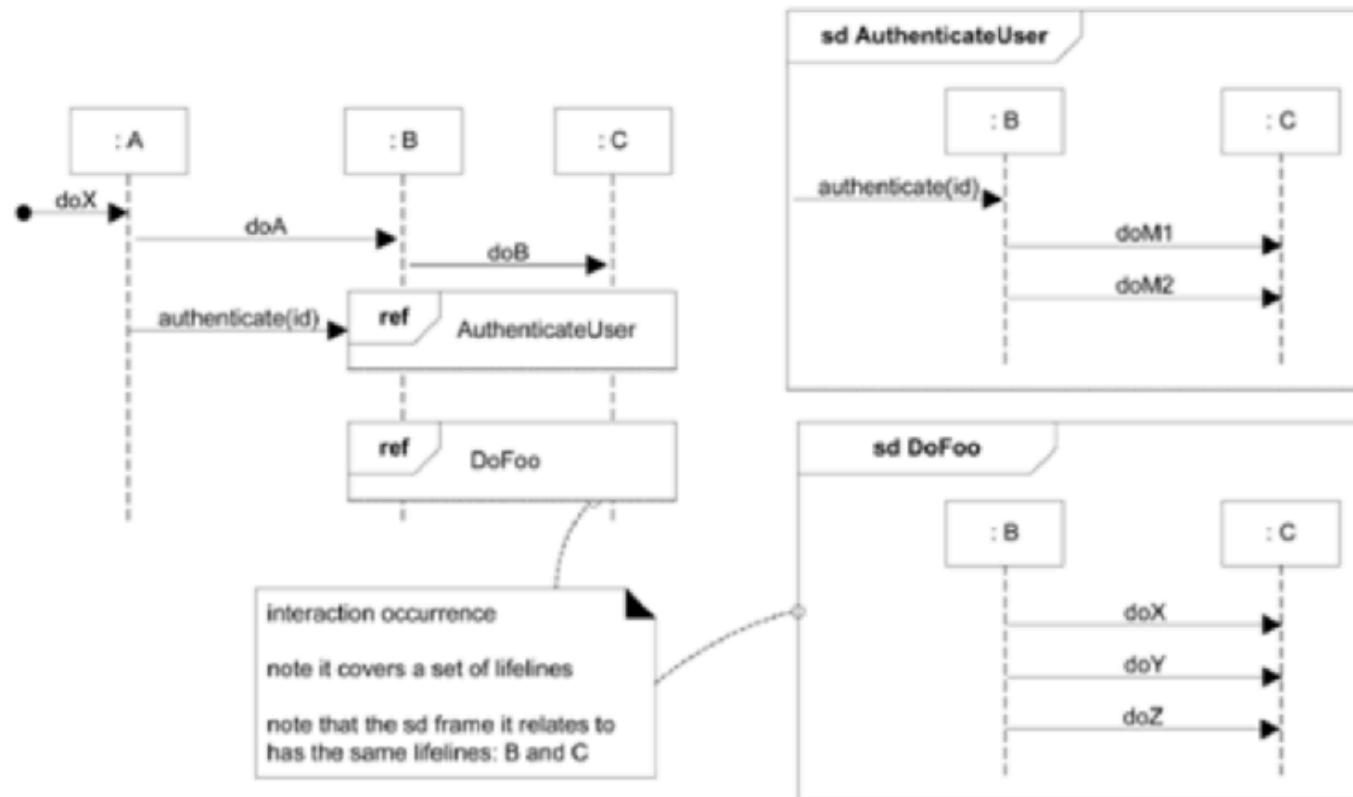
Notations - Iteration

Notations - Iteration (2)

Notations - Nesting

Notations - Reference

Notations - Static method