CS401-2024-09A-09D-01 Modern Programming Practices

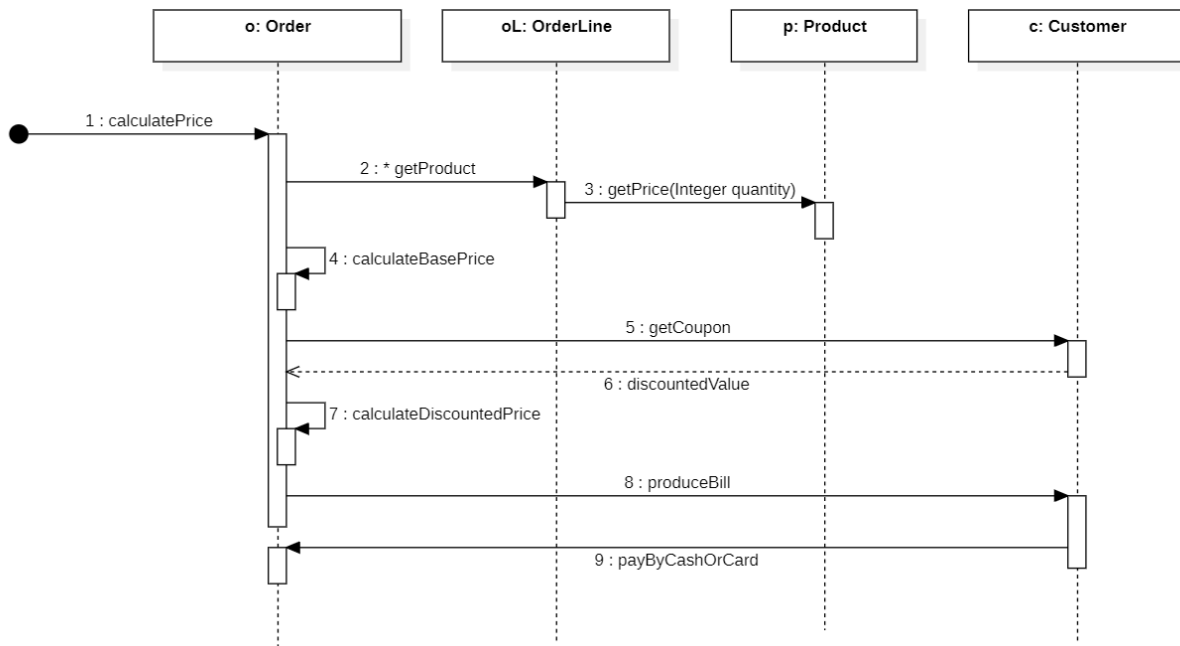# LAB 4

August 6th, 2024

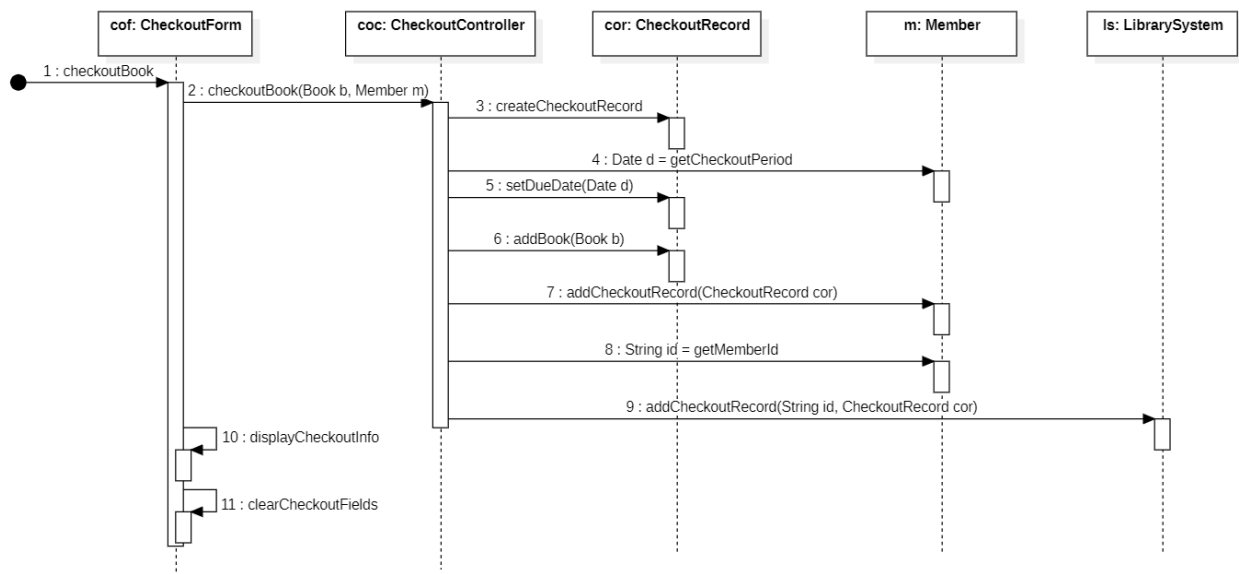# Group 4

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Question 1

o: Order	oL: OrderLine	p: Product	c: Customer

1 : calculatePrice

2 : * getProduct

3 : getPrice(Integer quantity)

4 : calculateBasePrice

5 : getCoupon

6 : discountedValue

7 : calculateDiscountedPrice

8 : produceBill

9 : payByCashOrCard

Question 2

cof: CheckoutForm	coc: CheckoutController	cor: CheckoutRecord	m: Member	ls: LibrarySystem

1 : checkoutBook

2 : checkoutBook(Book b, Member m)

3 : createCheckoutRecord

4 : Date d = getCheckoutPeriod

5 : setDueDate(Date d)

6 : addBook(Book b)

7 : addCheckoutRecord(CheckoutRecord cor)

8 : String id = getMemberId

9 : addCheckoutRecord(String id, CheckoutRecord cor)

10 : displayCheckoutInfo

11 : clearCheckoutFields

Question 3

Note: Code can be found in the code folder. Main method is in Main.class. Used the main method provided in the Lab document.

Question 4