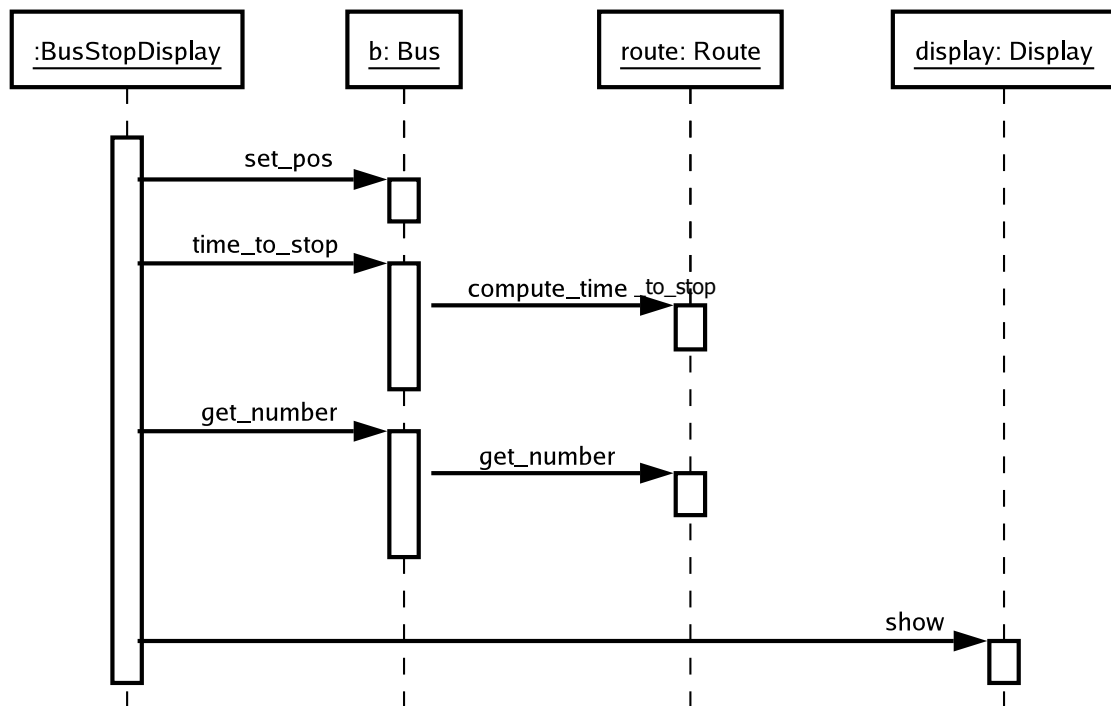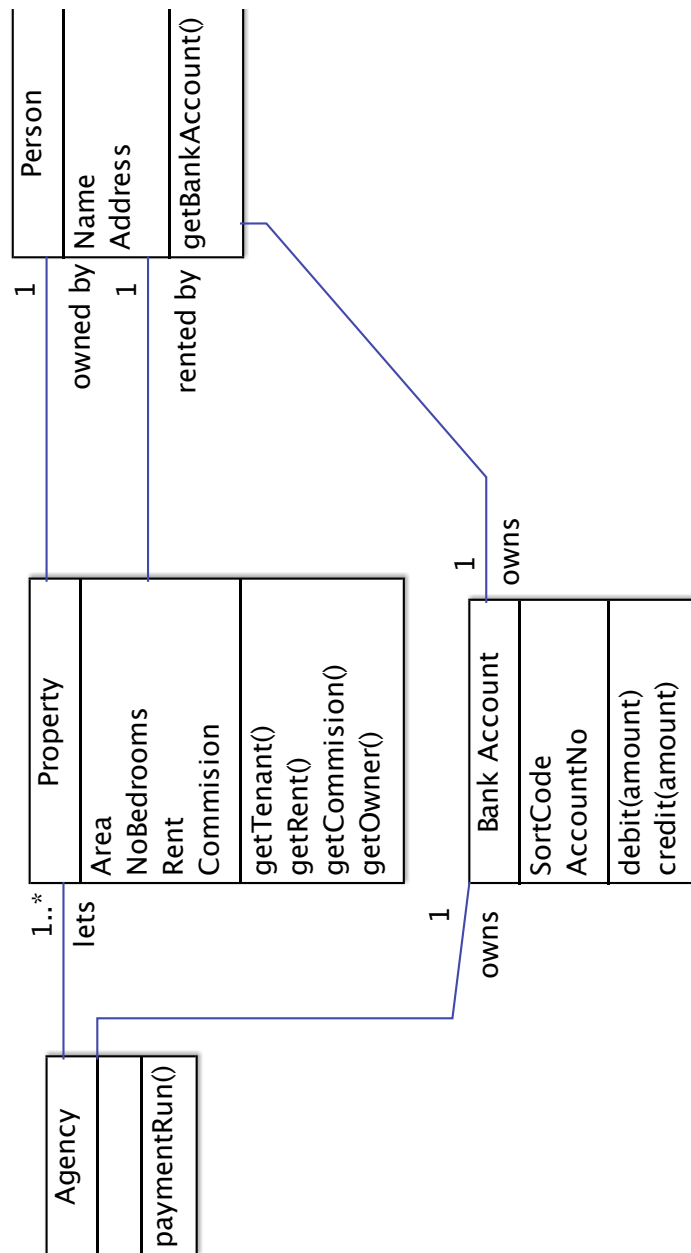Paper 4M21: OBJECT ORIENTED SOFTWARE DESIGN
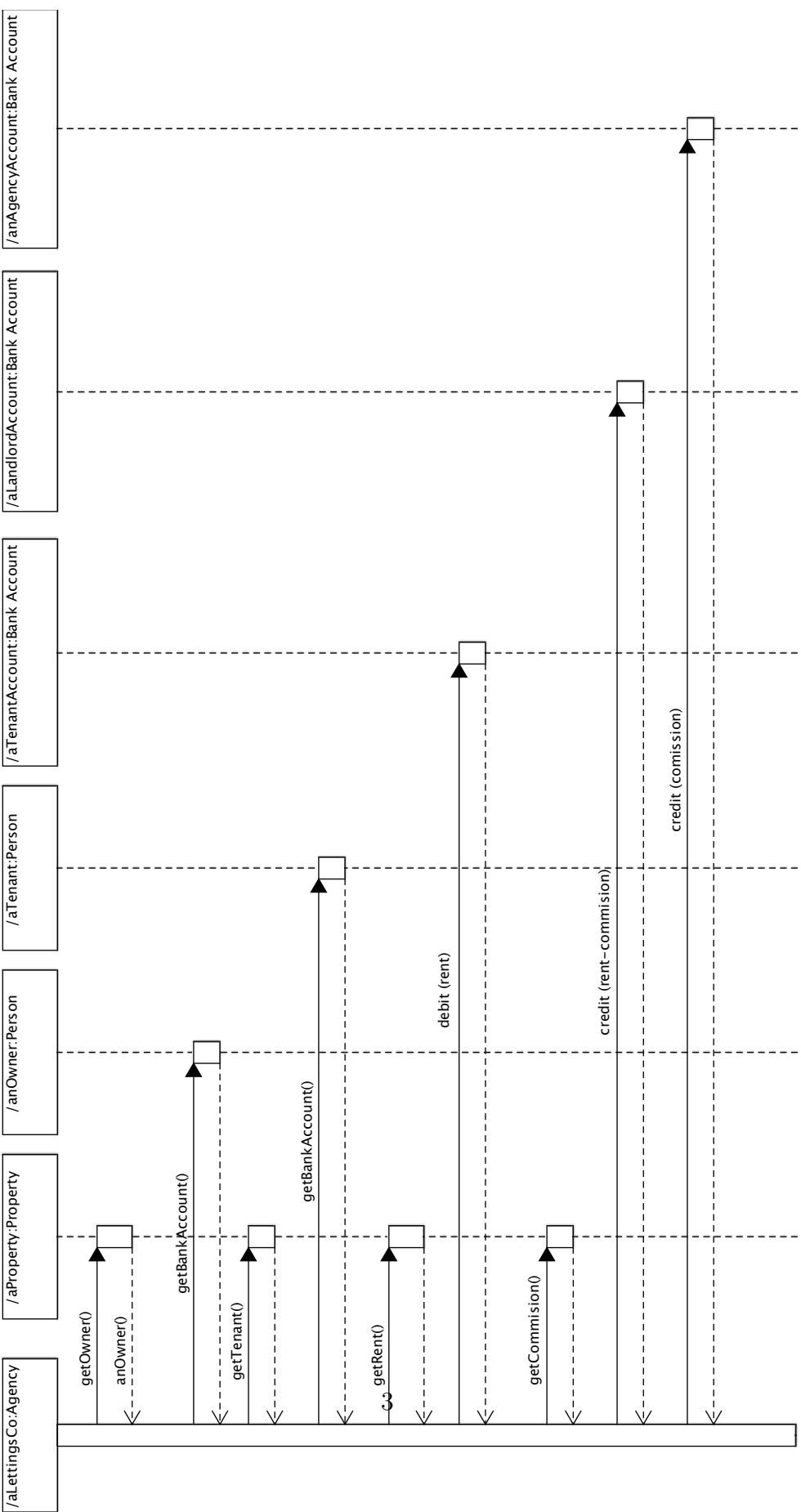
OBJECT ORIENTED SOFTWARE DESIGN

Crib for Examples Paper 1

1. The sequence diagram is shown below:

2. The class and sequence diagrams below show an outline of what the design might look like, however, it is likely that many acceptable answers may differ in many important respects.

Person

Name
Address

getBankAccount()

owned by — 1
rented by — 1

Property

Area
NoBedrooms
Rent
Commision

getTenant()
getRent()
getCommision()
getOwner()

1..*
lets

Bank Account

SortCode
AccountNo

debit(amount)
credit(amount)

1 owns
1 owns

Agency

paymentRun()

3. The class and sequence diagrams below show an outline of what the design might look like, however, it is likely that many acceptable answers may differ in many important respects.

/theLockerShop:StockSystem | /aCatalogue:Catalogue | /aCD:StockItem | /aSale:Sale

remove (aCD)

create (aCD)

profit()

costPrice()

soldPrice()

Elena Punskaya 2018