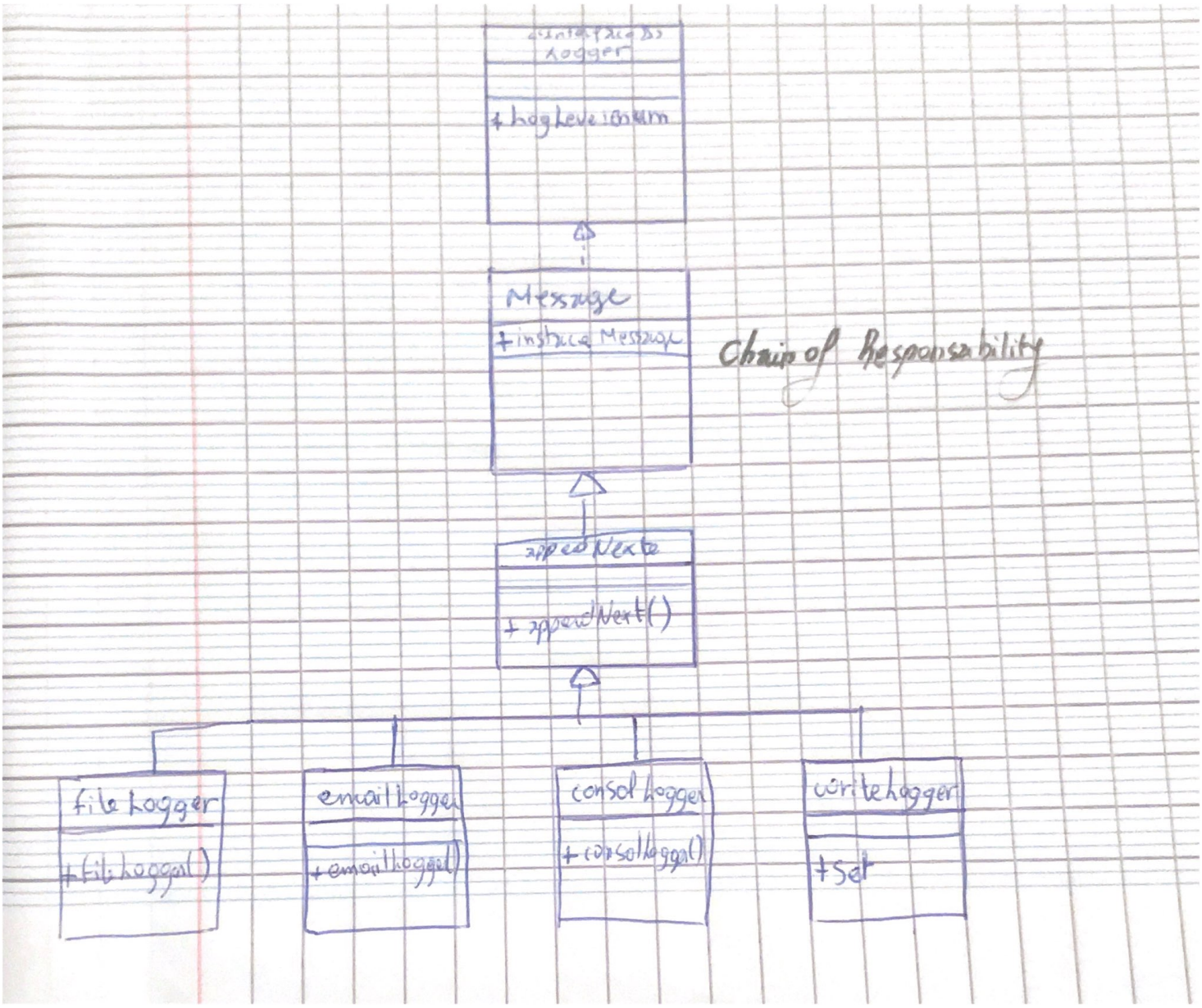
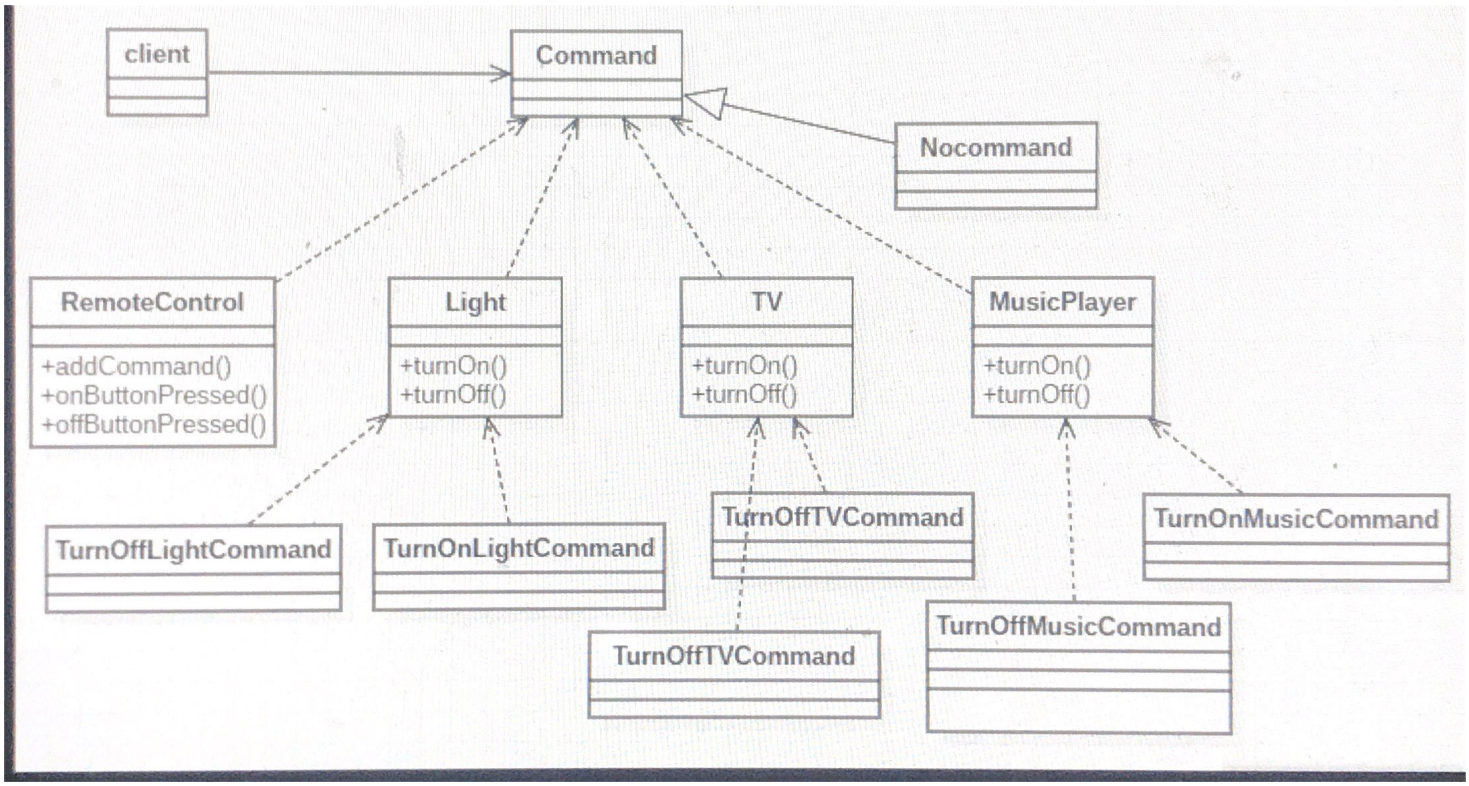
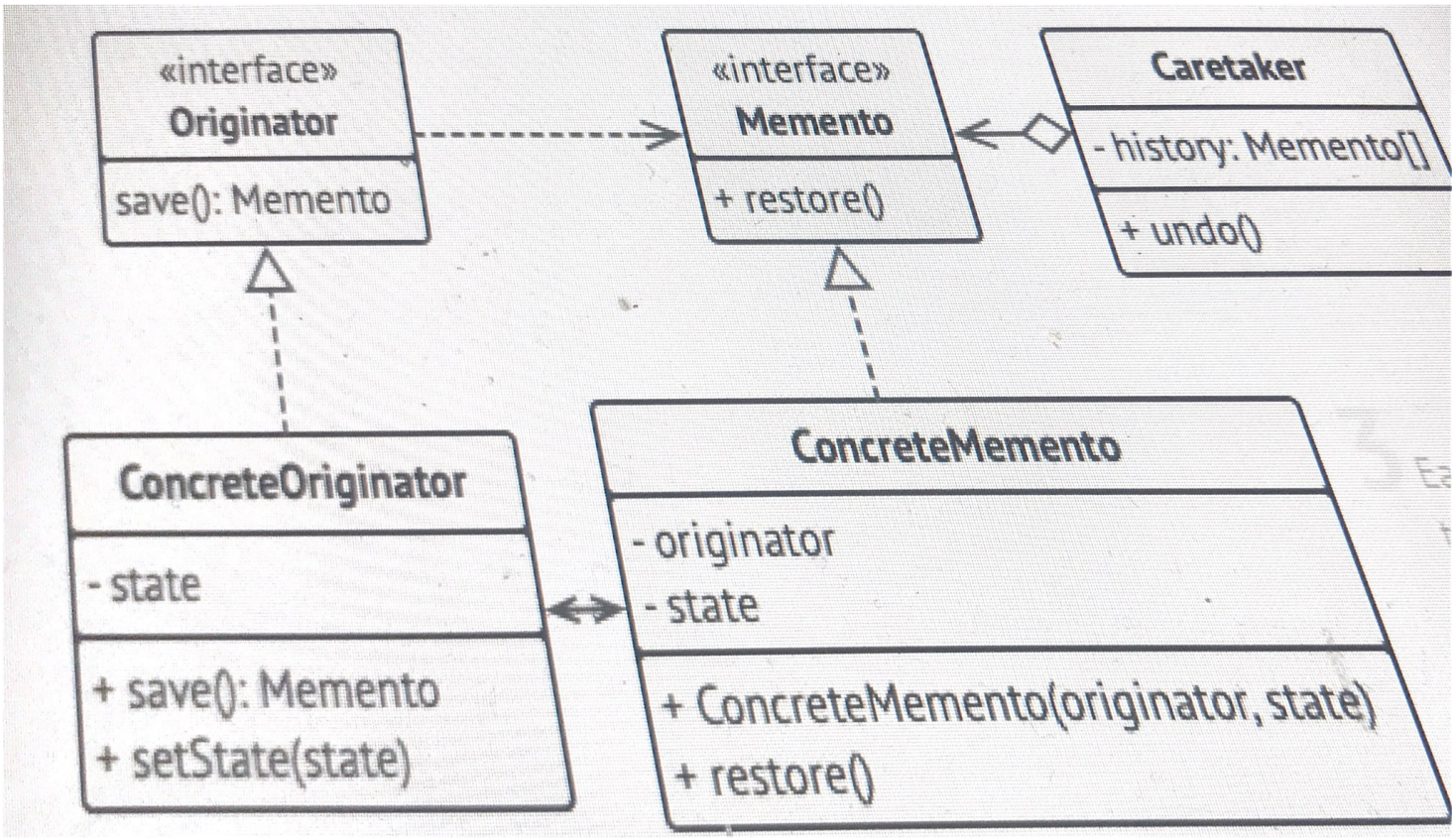
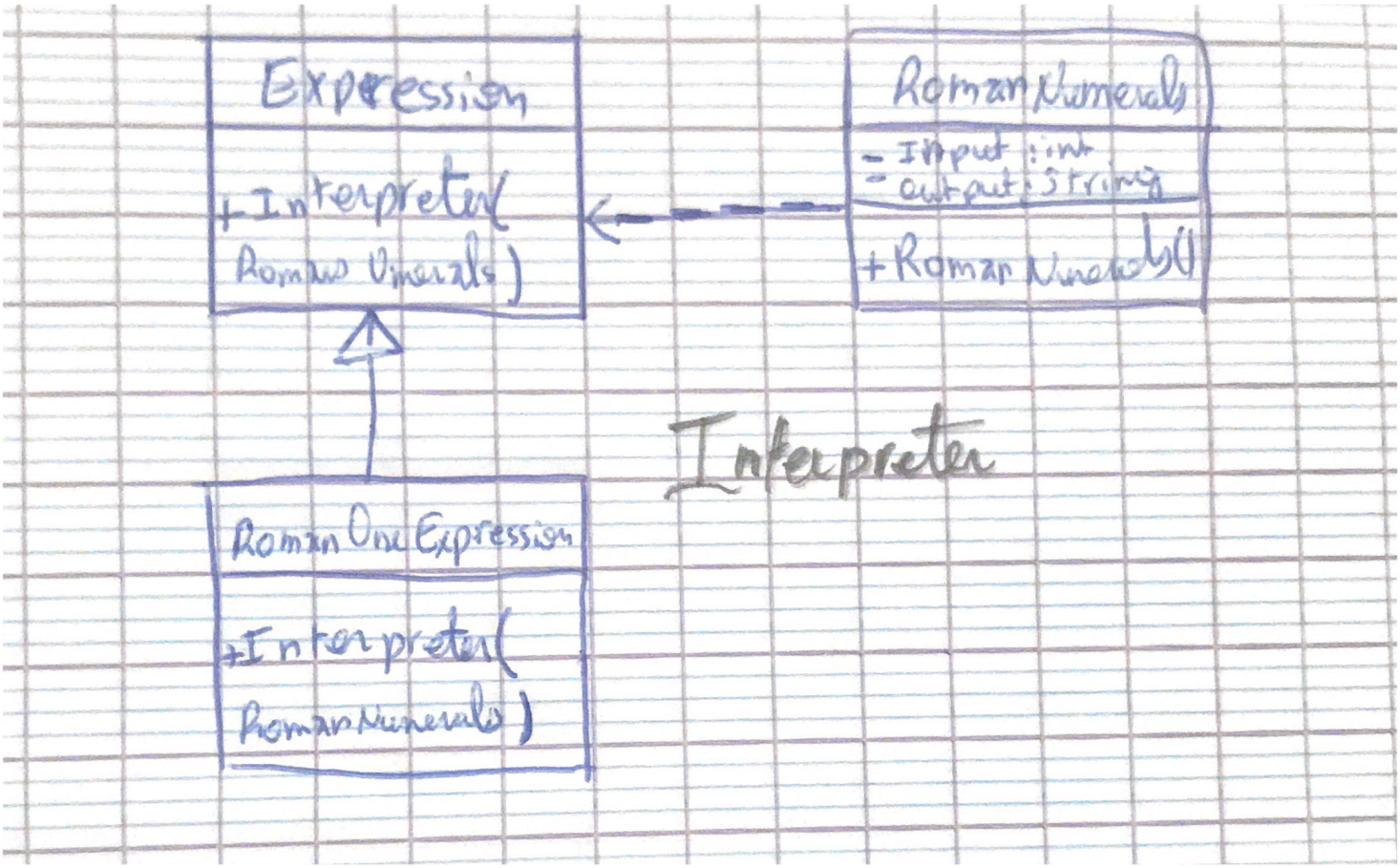
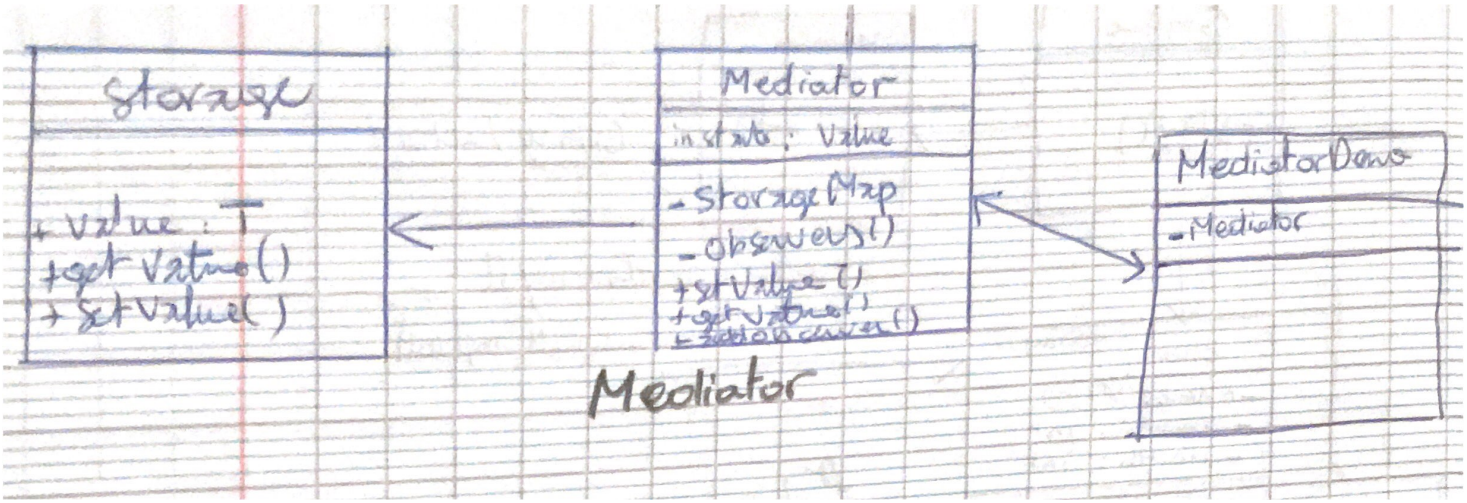
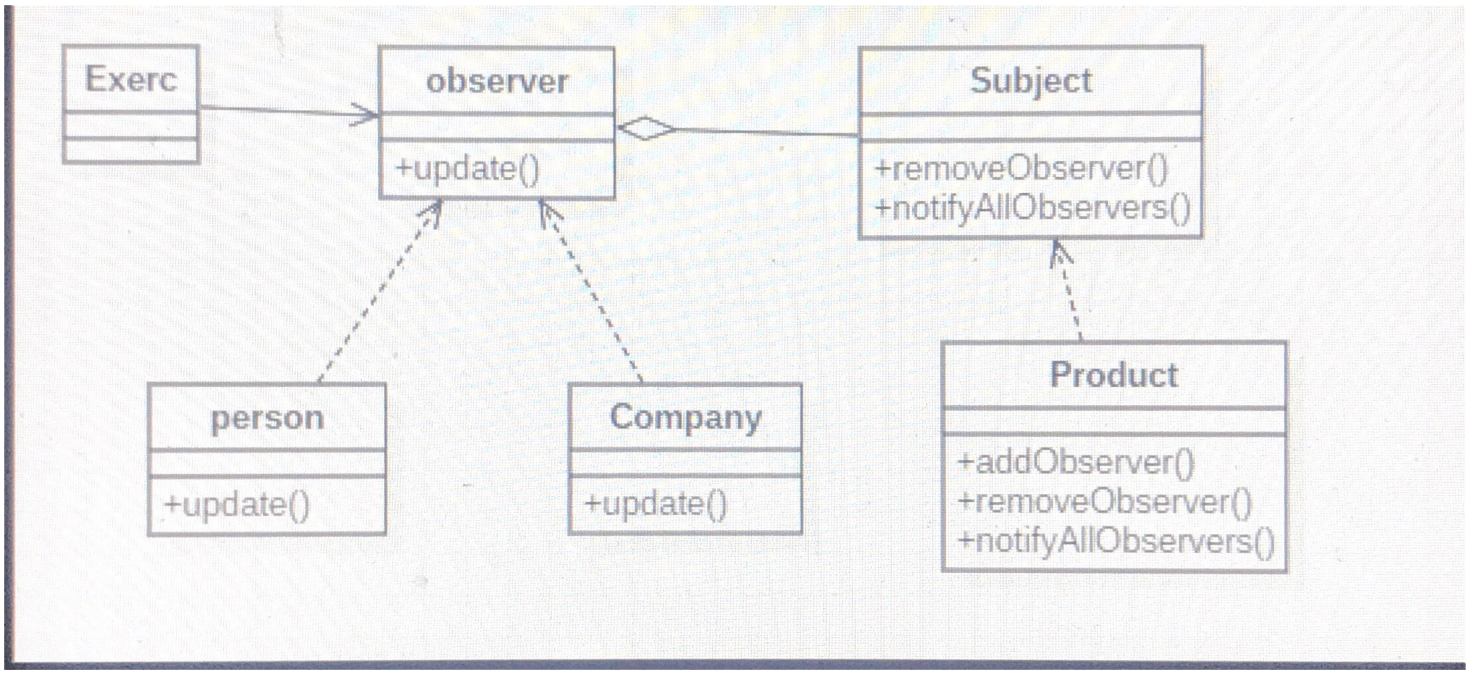

Logger
+ logLevel:enum
Message
+ instance Message
Chain of Responsability
appendNext
+ appendNext()
fileLogger
+ FileLogger()
emailLogger
+ emailLogger()
consolLogger
+ consolLogger()
writeLogger
+ set

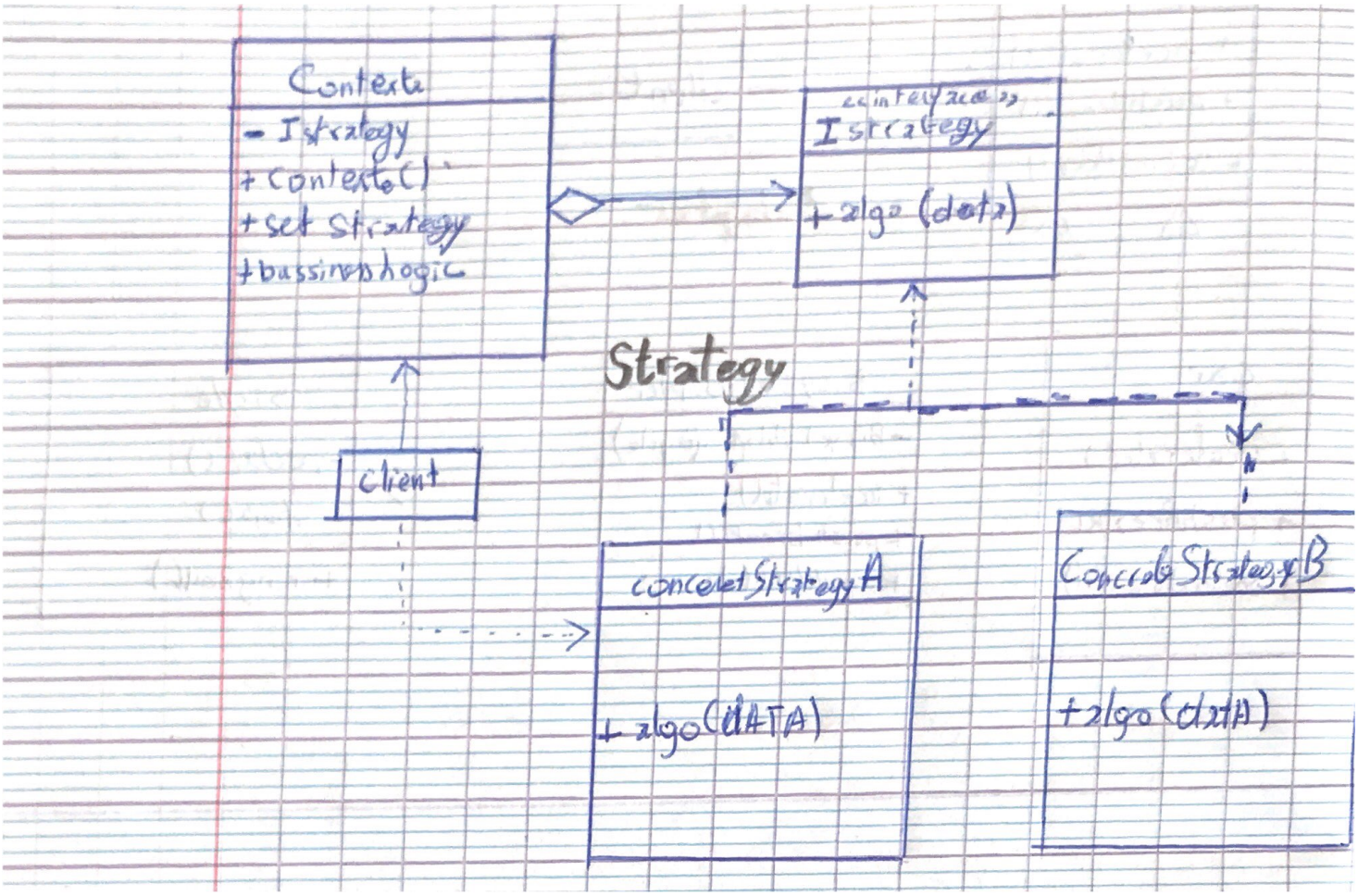

client
Command
Nocommand
RemoteControl
+addCommand()
+onButtonPressed()
+offButtonPressed()
Light
+turnOn()
+turnOff()
TV
+turnOn()
+turnOff()
MusicPlayer
+turnOn()
+turnOff()
TurnOffLightCommand
TurnOnLightCommand
TurnOffTVCommand
TurnOnMusicCommand
TurnOffTVCommand
TurnOffMusicCommand

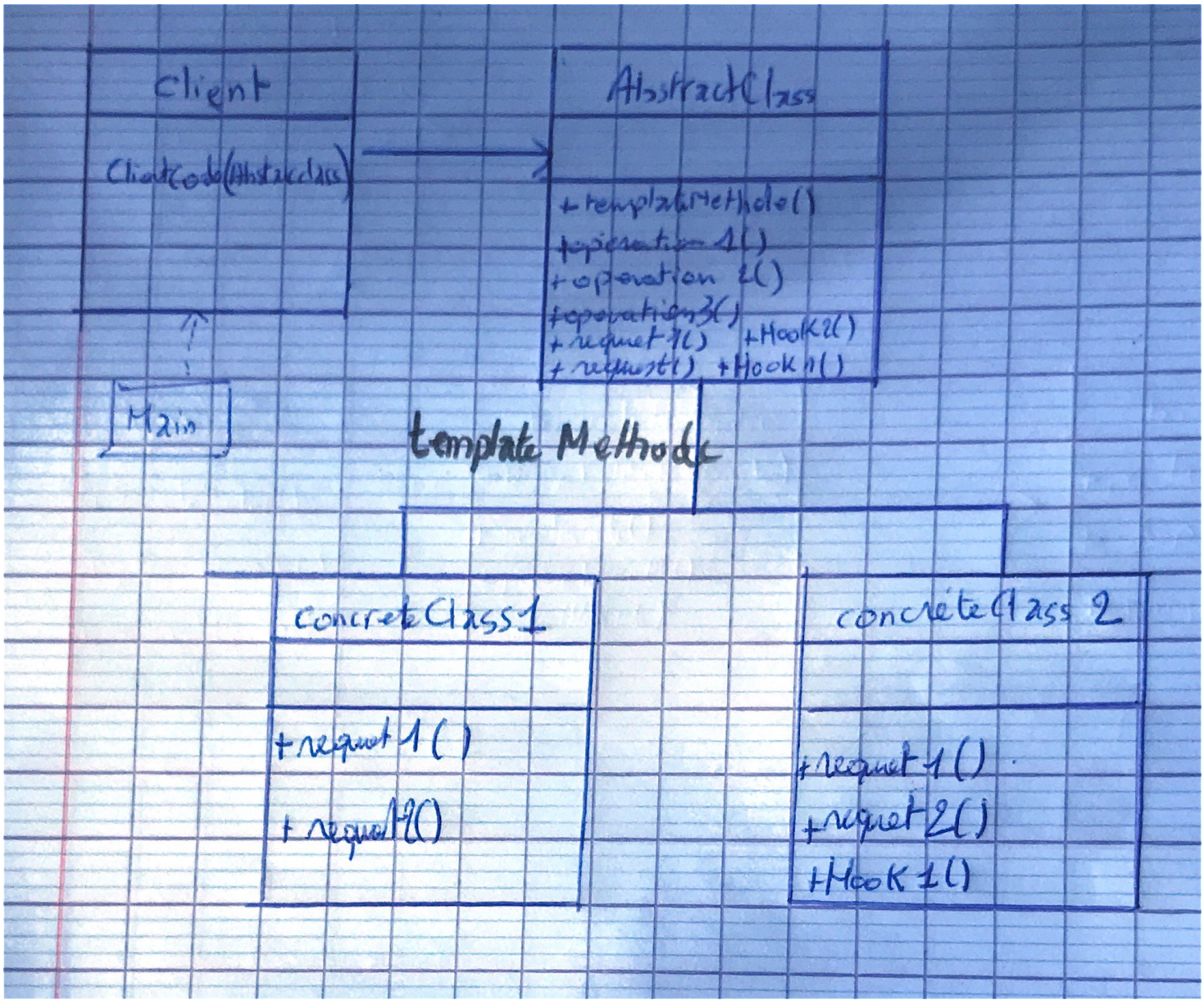

«interface»
Originator
save(): Memento
«interface»
Memento
+ restore()
Caretaker
- history: Memento[]
+ undo()
ConcreteOriginator
- state
+ save(): Memento
+ setState(state)
ConcreteMemento
- originator
- state
+ ConcreteMemento(originator, state)
+ restore()

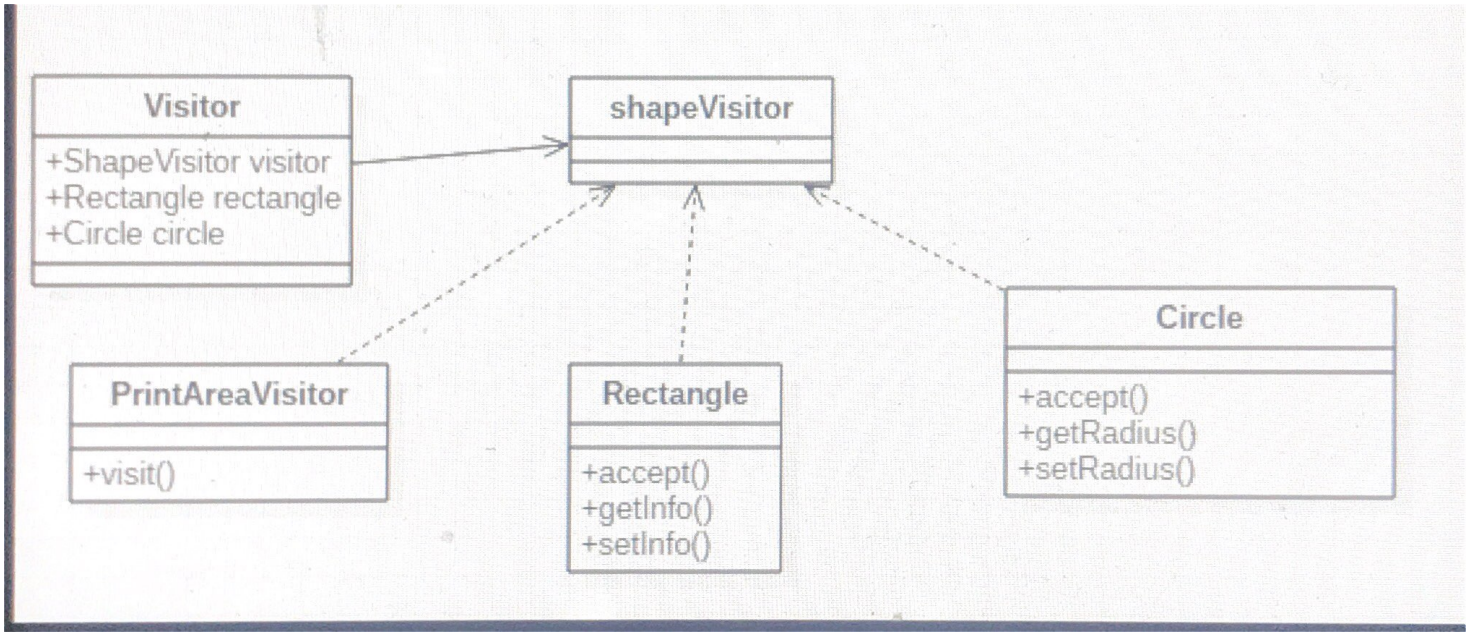

Expression
+Interpreter(
RomanNumerals)
RomanNumerals
-Input : int
-output : String
+RomanNumerals()
RomanOneExpression
+Interpreter(
RomanNumerals)
Interpreter


Storage
+ value : T
+ getValue()
+ setValue()
Mediator
in state : Value
- StorageMap
- observers()
+ setValue()
+ getValue()
+ setObserver()
MediatorDemo
- Mediator
Mediator


Exerc
observer
+update()
Subject
+removeObserver()
+notifyAllObservers()
person
+update()
Company
+update()
Product
+addObserver()
+removeObserver()
+notifyAllObservers()


Context
- Istrategy
+ Context()
+ set Strategy
+ bussinesslogic
<<interface>>
IStrategy
+ algo (data)
Strategy
client
concrete Strategy A
+ algo(DATA)
Concrete Strategy B
+ algo(data)


client
ClientCode(AbstractClass)
AbstractClass
+templateMethod()
+operation1()
+operation2()
+operation3()
+request1()
+request()
+HookK2()
+HookN()
Main
template Method
ConcreteClass1
+request1()
+request2()
concreteClass 2
+request1()
+request2()
+HookK1()


Visitor
+ShapeVisitor visitor
+Rectangle rectangle
+Circle circle
shapeVisitor
PrintAreaVisitor
+visit()
Rectangle
+accept()
+getInfo()
+setInfo()
Circle
+accept()
+getRadius()
+setRadius()