

2. Strategy

LL java class >>
© StrategyClientMain Strategy
o StrategyClientMain
o main(String[]): void

LL java class >>
© DecaOnlineCustomer Strategy
o name: String
o age: int
o DecaOnlineCustomer()
o calculateDiscount(double)
o display(): void

LL java class >>
© DiscountType2 Strategy
o billAmount: double
o discount: double
o DiscountType2()
o calculateBillAmount(double): void

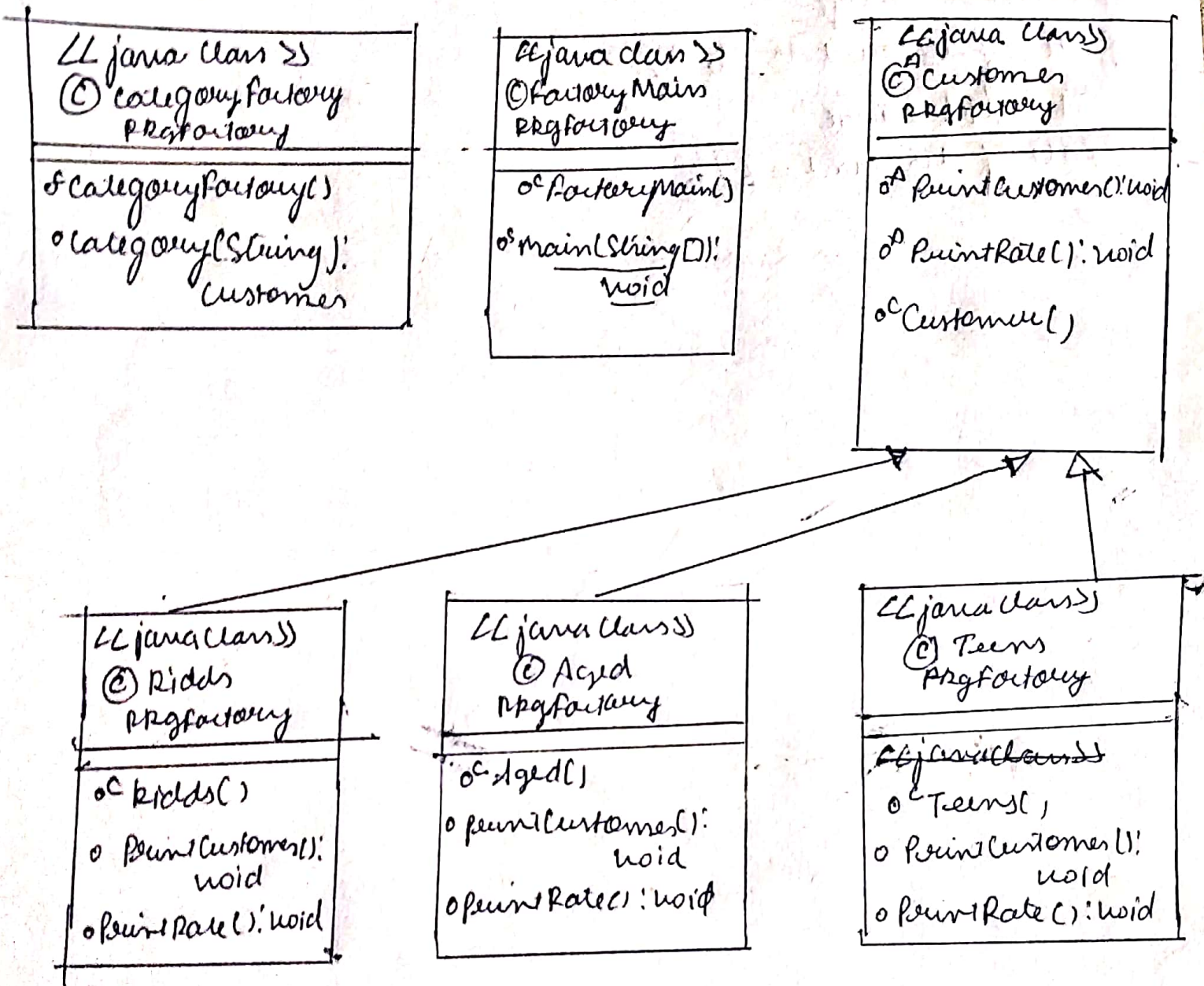
LL java class >>
© DiscountType2 Strategy
o billAmount: double
o discount: double
o offerAmount: int
o DiscountType2()
o calculateBillAmount(double): void

LL java class >>
© FirstTimeCustomer Strategy
o FirstTimeCustomer()
o display(): void

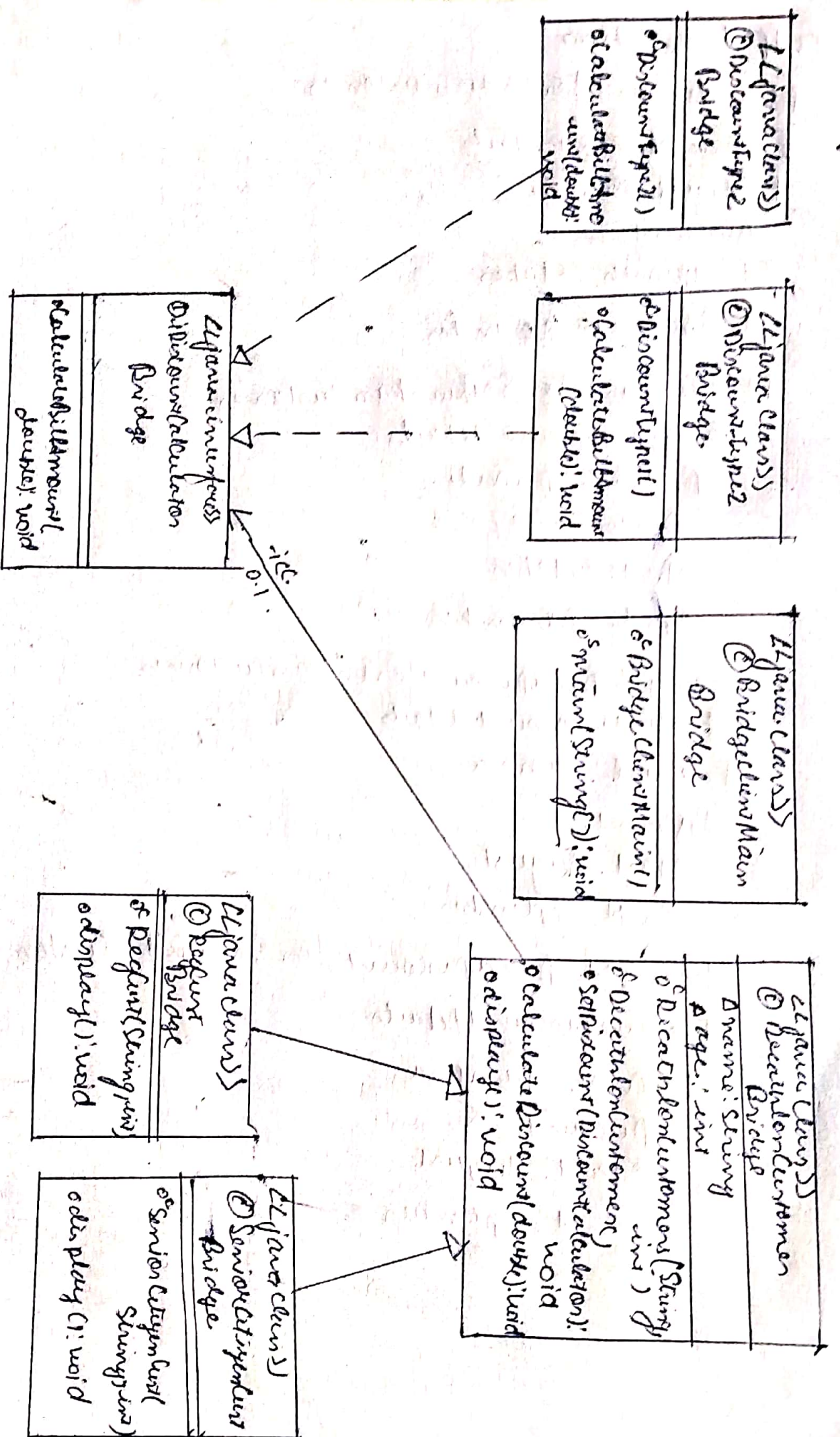
LL java class >>
© RegularCustomer Strategy
o RegularCustomer()
o display(): void

LL java interface >>
© DiscountCalculator Strategy
o calculateBillAmount(double): void

3. Factory method.



H. Pringle



5. Observer

LLjava class >>
ObserverMainClass: Decathlon physObserverMethods
ObserverMainClass: Decathlon (of main(String[] args): void

LLjava class >>
DecathlonObserver physObserverMethods
Observer (MainClass: Decathlon): void

LLjava class >>
ObserverMainClass physObserverMethods
ObserverMainClass (DecathlonSubpo): update (MainClass: Decathlon): void display(): void

LLjava class >>
ObserverMainClass physObserverMethods
ObserverMainClass: update(): String display(): String endMain(): String
ObserverMainClass: Decathlon SetMainClass: Decathlon String, String, String): void

LLjava class >>
ObserverMainClass physObserverMethods
ObserverMainClass (DecathlonSubpo): update (DecathlonObserver): void notifyObserver(): void changeObserver (String, String): String, String): void

LLjava class >>
DecathlonObserver physObserverMethods
Observer (DecathlonObserver): void notifyObserver(): void