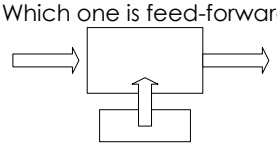
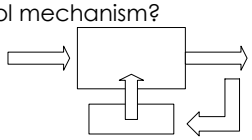
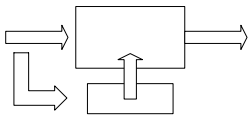
TSP	: BAZL	Date	: 30-Jul-17
Module	: III	Duration	: 10 min
Batch	ESAD-CS/BAZL-M/32/01	Total Marks	: 10

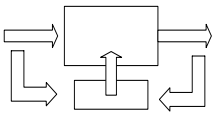
Trainee Name : _____ Trainee ID : _____ Marks Rewarded: ___

Q1. Which one is feed-forward control mechanism?

A. 

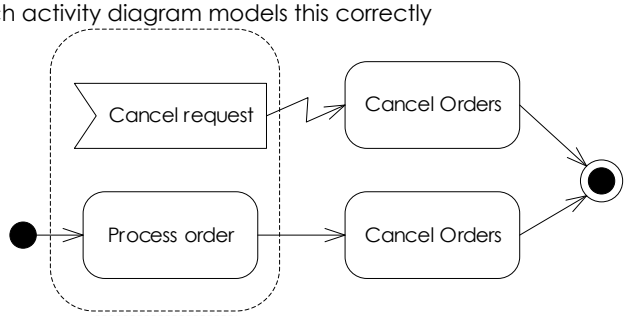
B. 

C. 

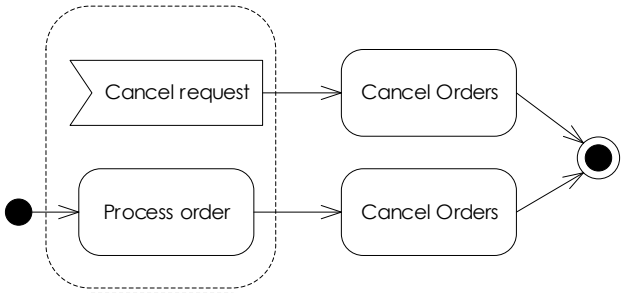
D. 

Q2. The "Process Order" action will execute until completion, when it will pass control to the "Close Order" action, unless a "Cancel Request" interrupt is received, which will pass control to the "Cancel Order" action.
Which activity diagram models this correctly

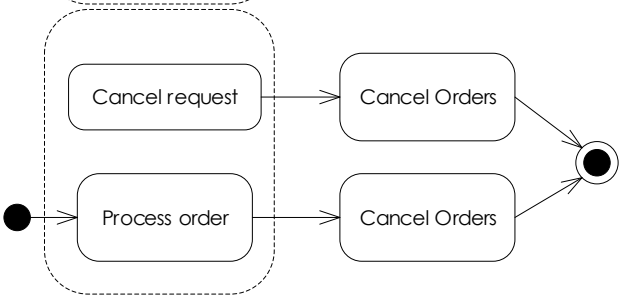
A.



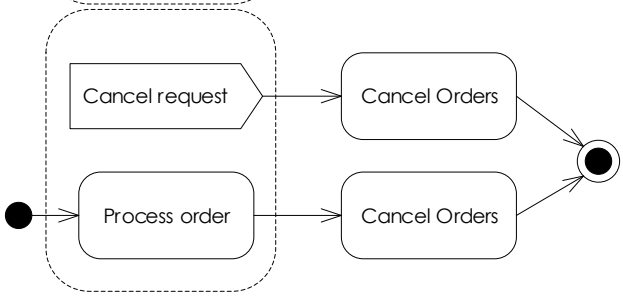
B



C.

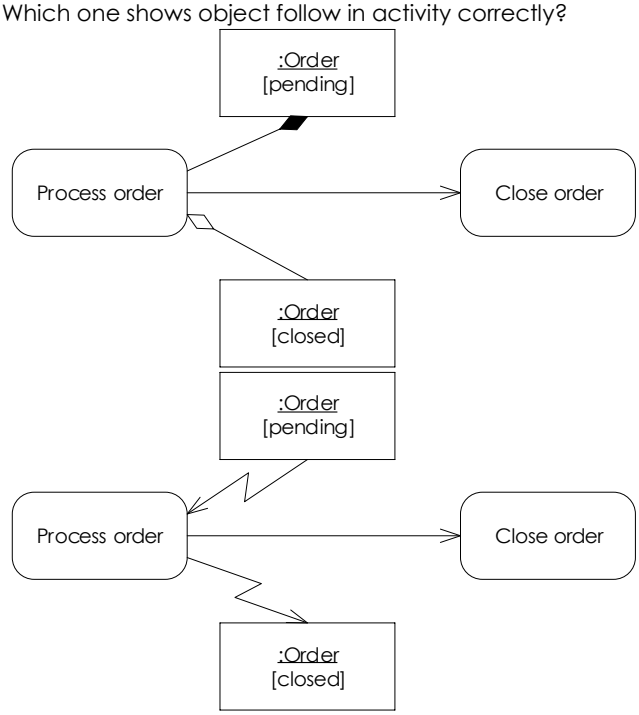


D.

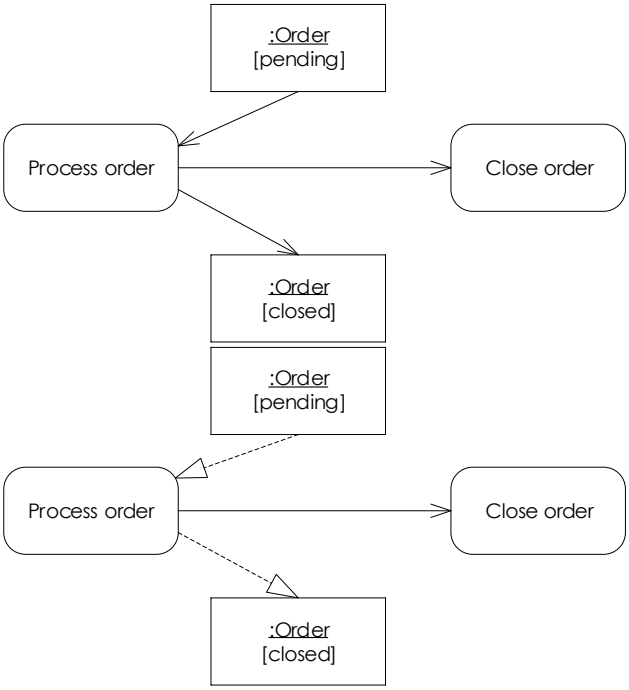


Q3. Which one shows object follow in activity correctly?

A.



B



C.

D.

Q4. Which one is flow final symbol in activity diagram?

A. 

B. 

C. 

D. 

Q5. Which one is used for option/loop?

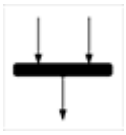
A. 

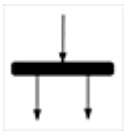
B. 

C. 

D. 

Q6. Which one is used for synchronization?

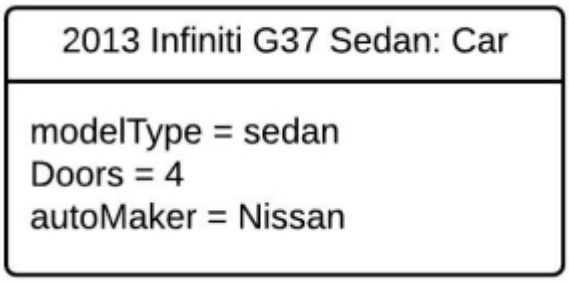
A. 

B. 

C. 

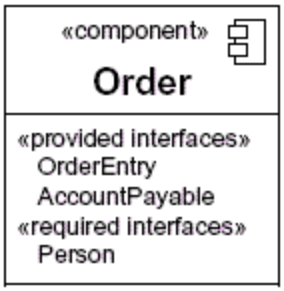
D. 

Q7. What type of diagram is the following?

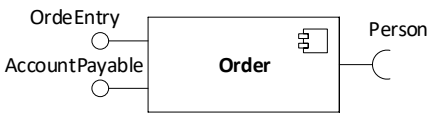


A. Class B. object C. Sequence D. activity

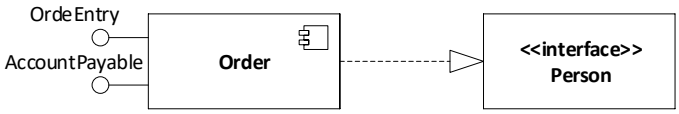
Q8. Which of the following correctly models the component below?



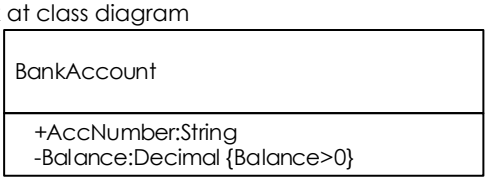
A. 

B 

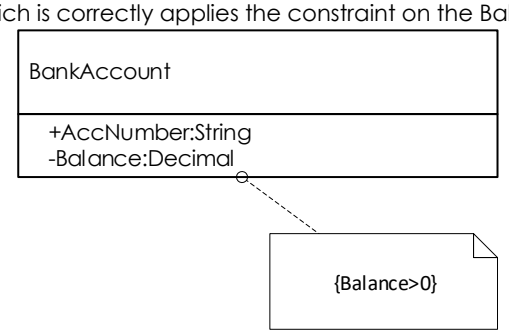
C. 

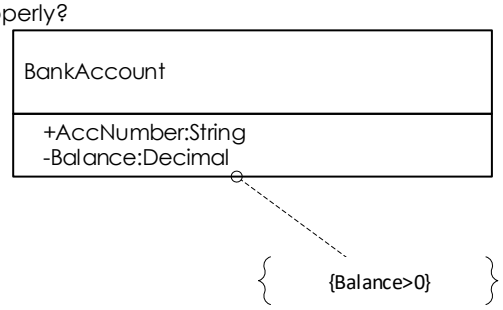
D. 

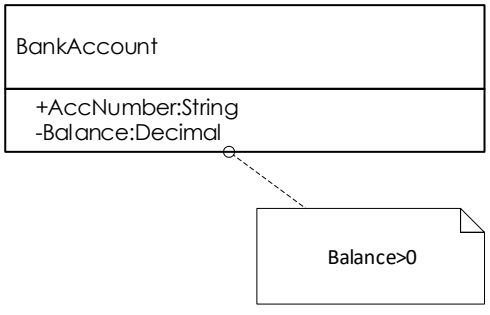
Q9. Look at class diagram

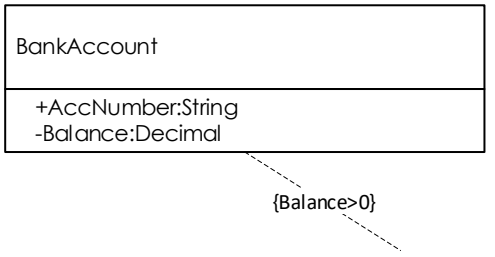


Which is correctly applies the constraint on the Balance attribute properly?

A. 

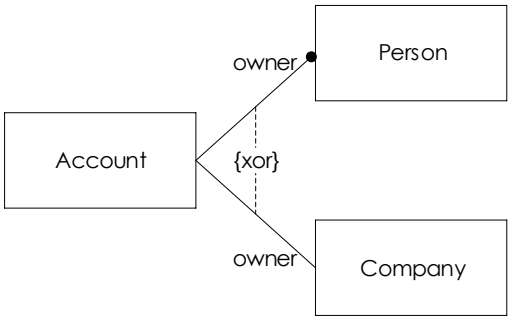
B 

C. 

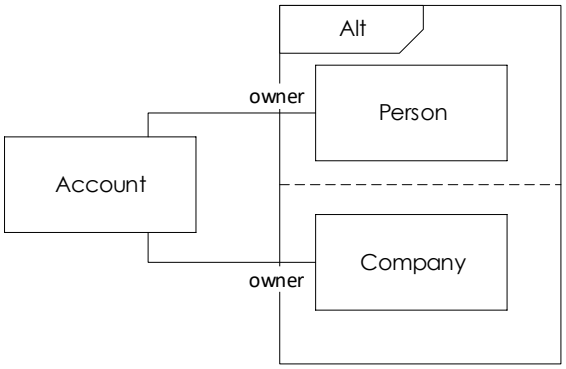
D. 

Q10. An Account can be owned by a Person or Company.
Which one correctly models the fact?

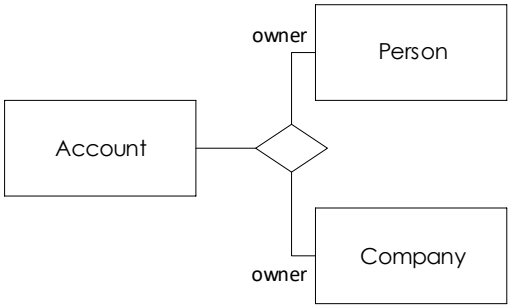
A.



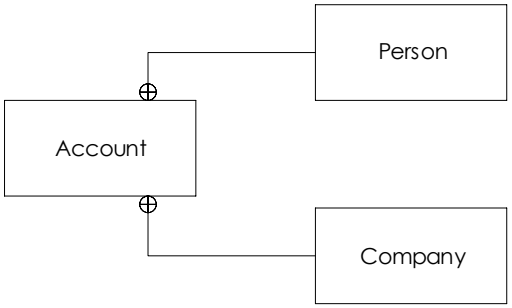
B



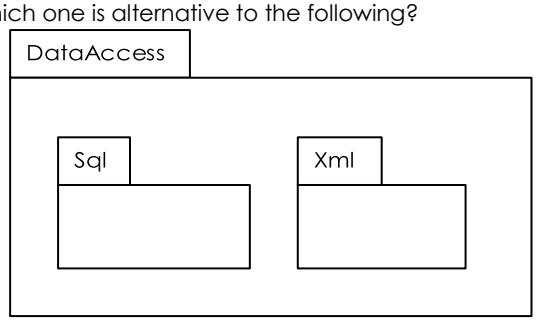
C.



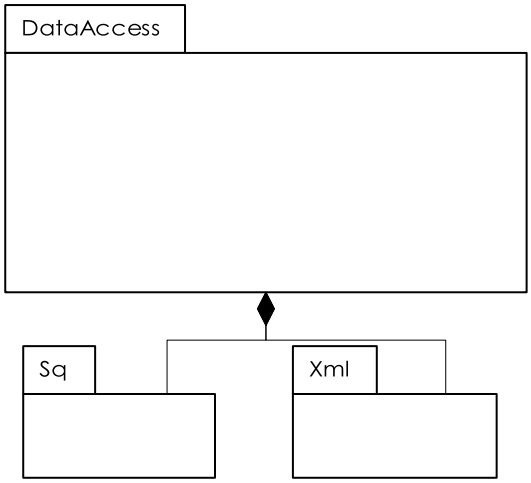
D.



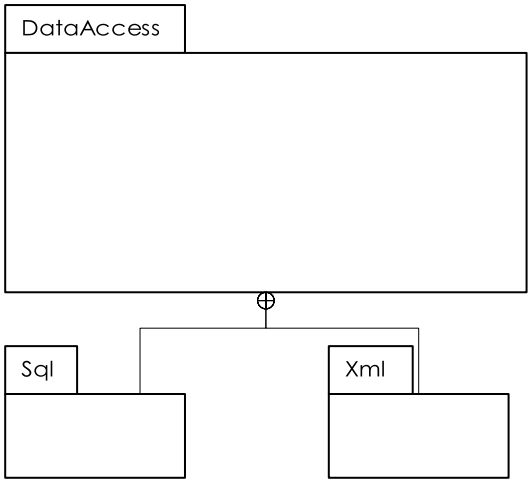
Q11. Which one is alternative to the following?



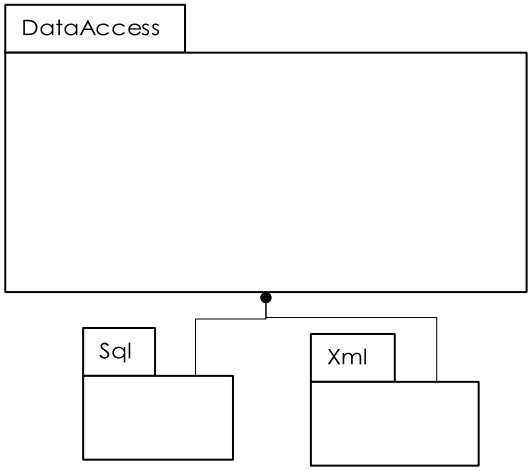
A.



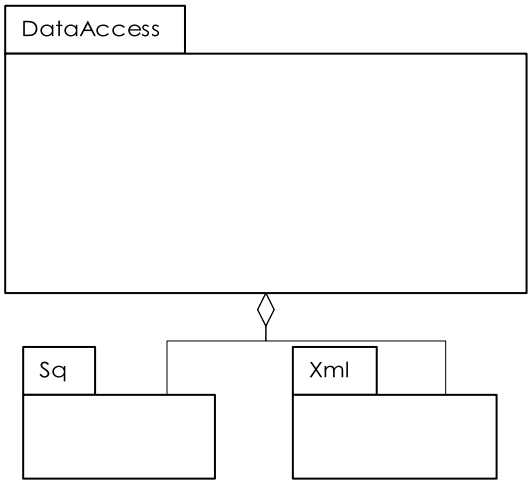
B



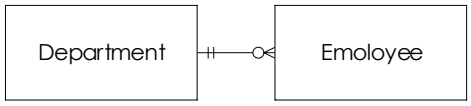
C.



D.

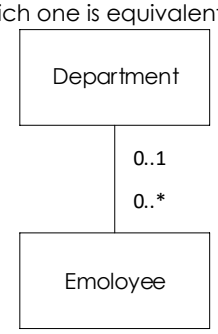


Q12. Consider Entity relation

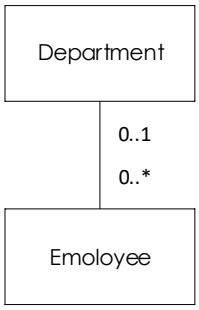


Which one is equivalent class association?

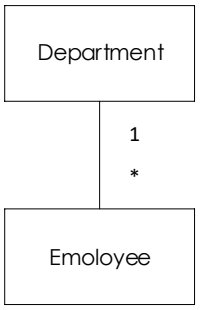
A.



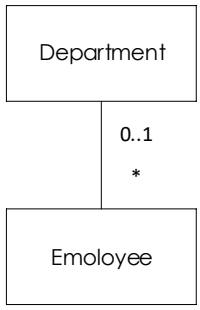
B.



C.

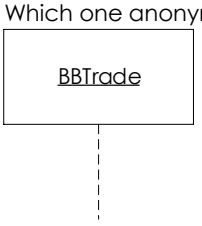


D.

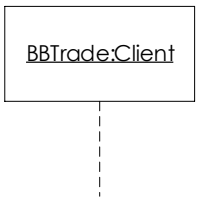


Q13. Which one anonymous instance of Client lifeline?

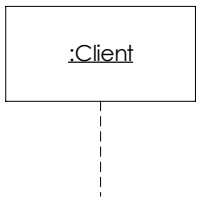
A.



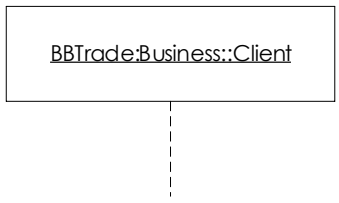
B.



C.

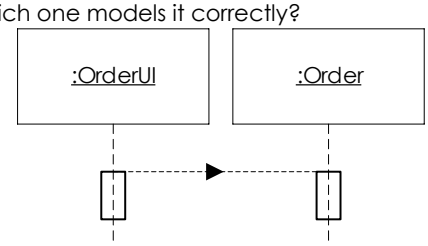


D.

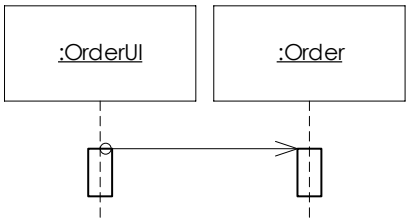


Q14. OrderUI instance creates a new Order instance?
Which one models it correctly?

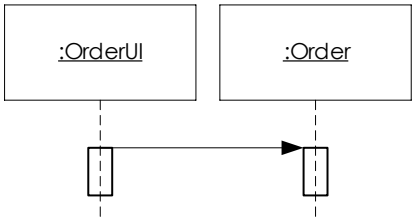
A.



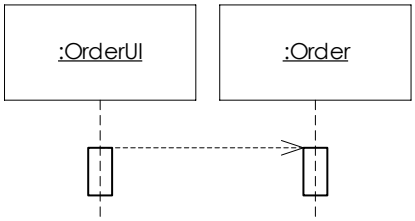
B



C.

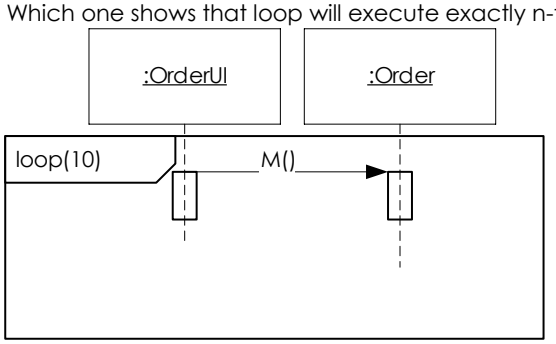


D.

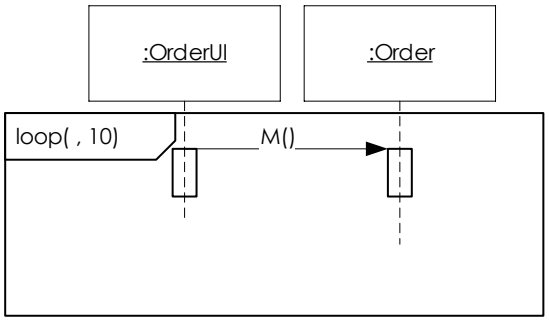


Q15. Which one shows that loop will execute exactly n-times?

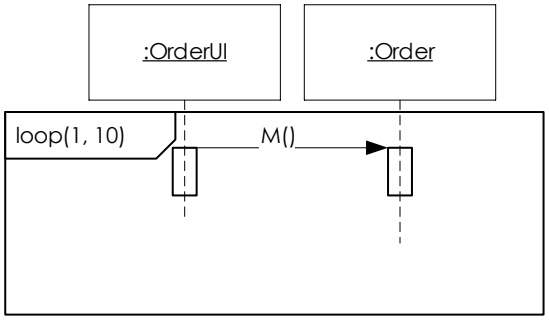
A.



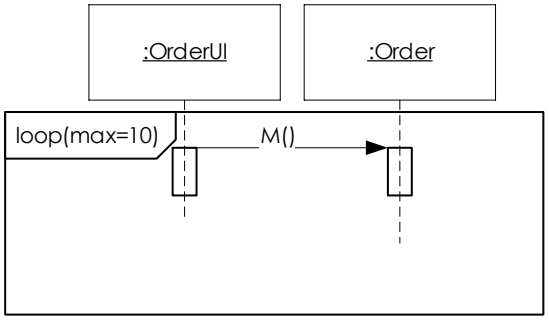
B



C.



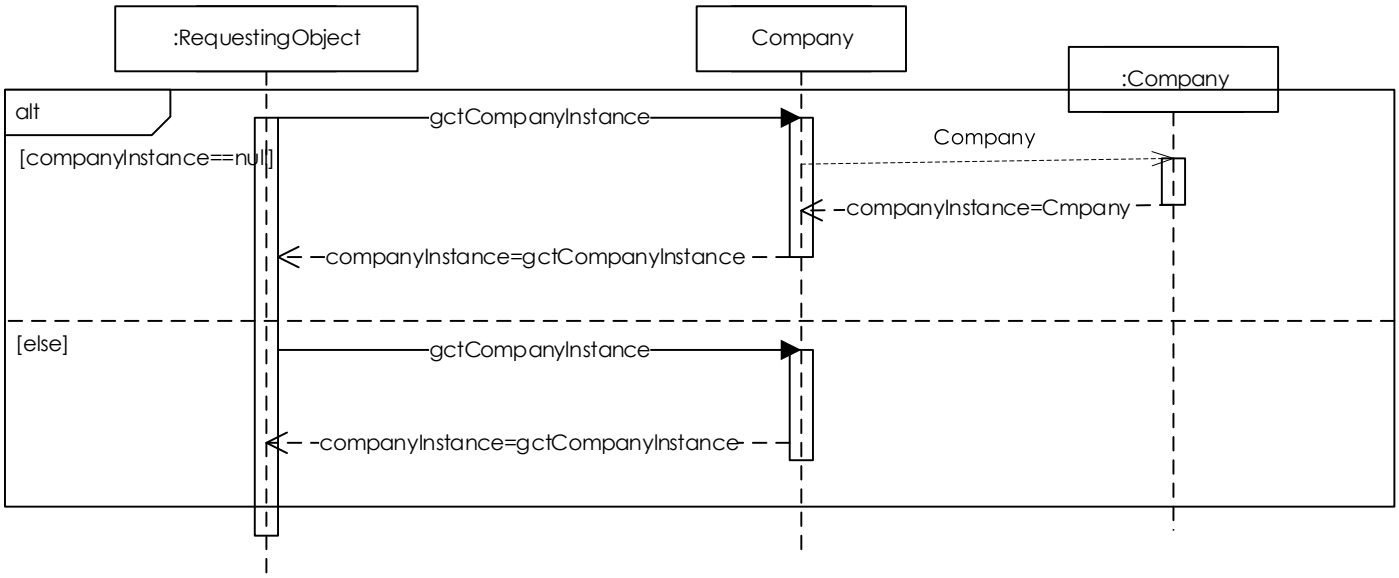
D.



Q16.Instance creation of Company is done using following operation invocation

companyIntance = Company.getCompanyInstance()

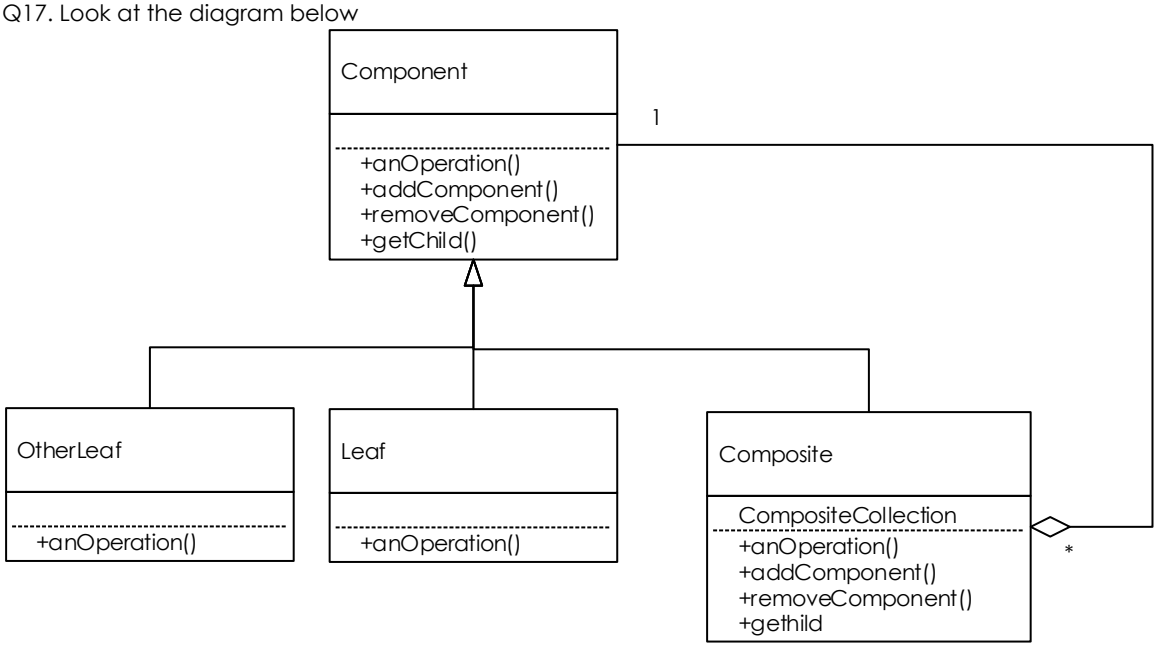
The sequence diagram of instance creation is shown below



Which patter is applied here?

A. MVC B. Composite C. State D. Singleton

Q17. Look at the diagram below



The diagram is the general form of _____.

A. Singleton pattern B. Composite pattern C. State pattern D. Factory pattern

Q18. An attribute to hold a list of qualifications. Which one is the correct syntax to define it?

A. qualification[0..n]: String B. qualification[n]: String C. qualification(n): String D. qualification(0..n): String

Q19. BankAccount object has operation with signature

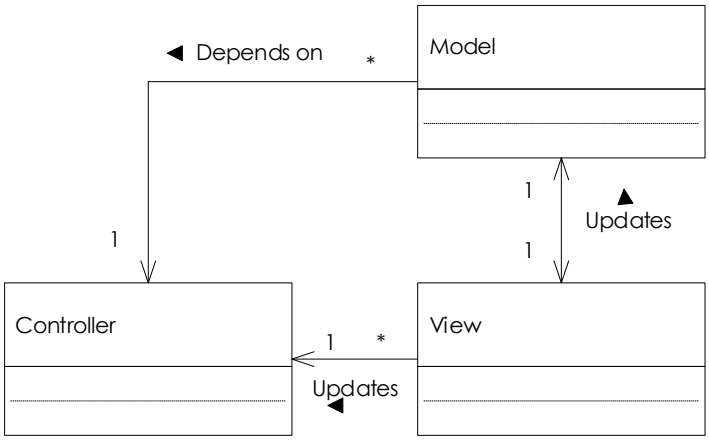
credit(amount:Money) :Boolean

Which one sends credit () message sent to a BankAccount object accObject with parameter value 500.00?

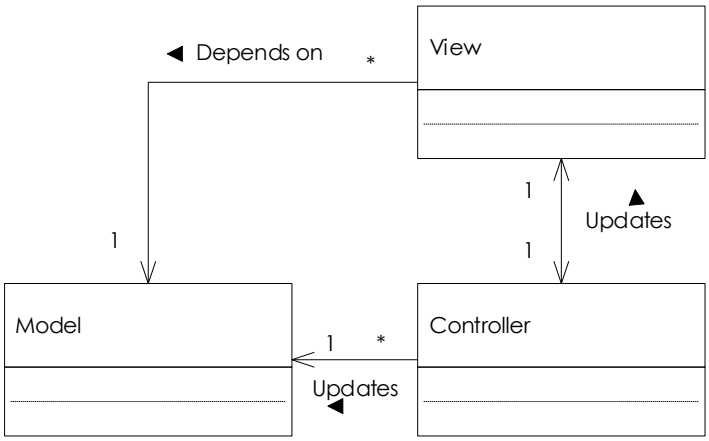
A. credit= accObject.credit(500.00) B. accObject.credit(500.00) C. BankAccount.credit(500.00) D. credit= BankAccount.credit(500.00)

Q20. Which one the correct diagram MVC architecture?

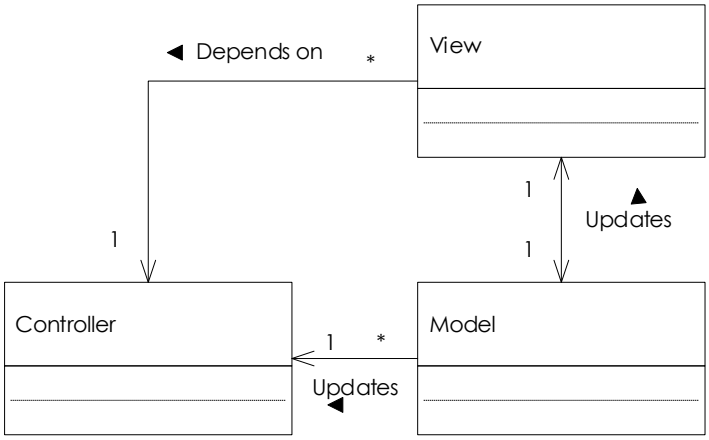
A.



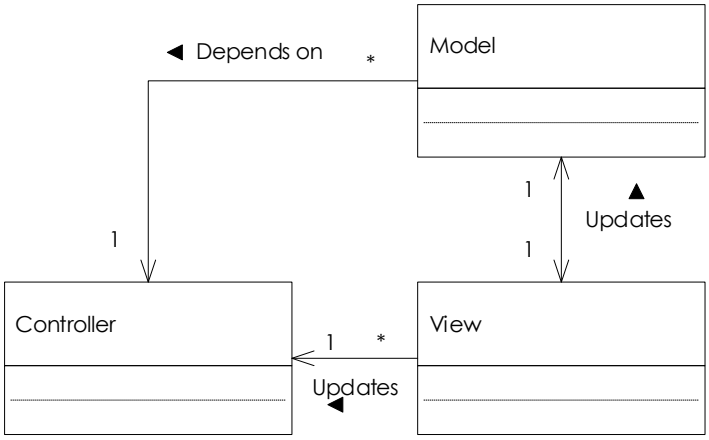
B.



C.

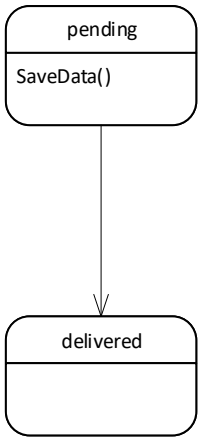


D.

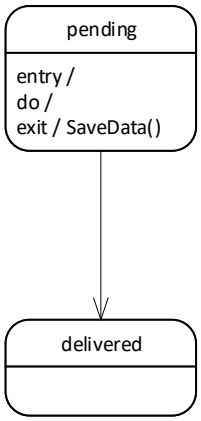


Q21. SaveData action is invoked when an order changes its state from pending to delivered.
Which one shows it correctly?

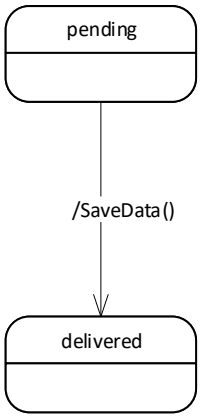
A.



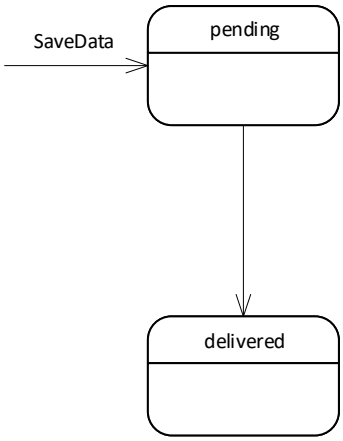
B.



C.



D.



Q22. Which one is the symbol for sub-system?

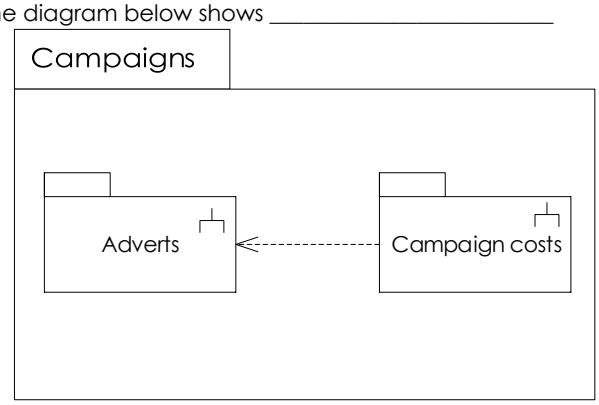
A. 

B. 

C. 

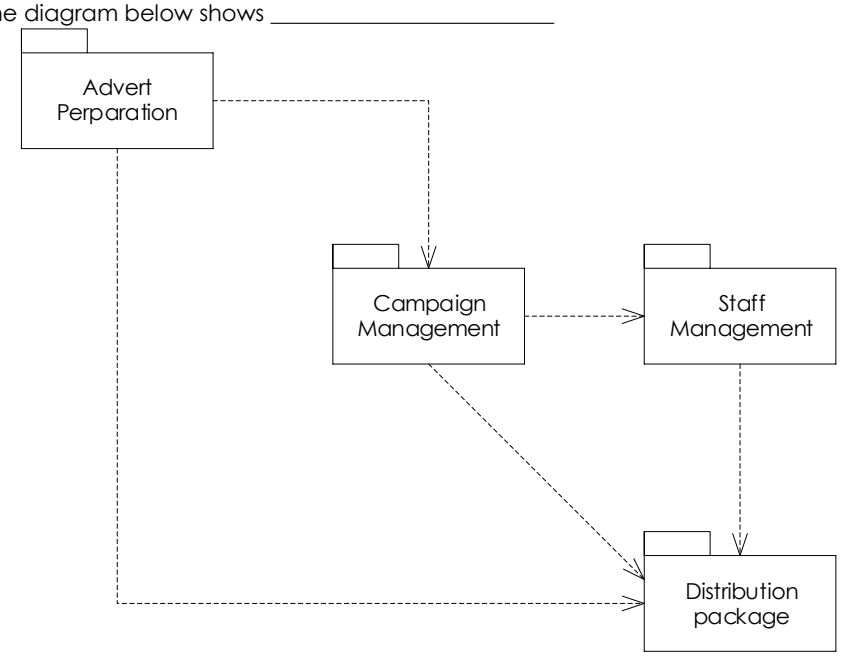
D. 

Q23. The diagram below shows _____



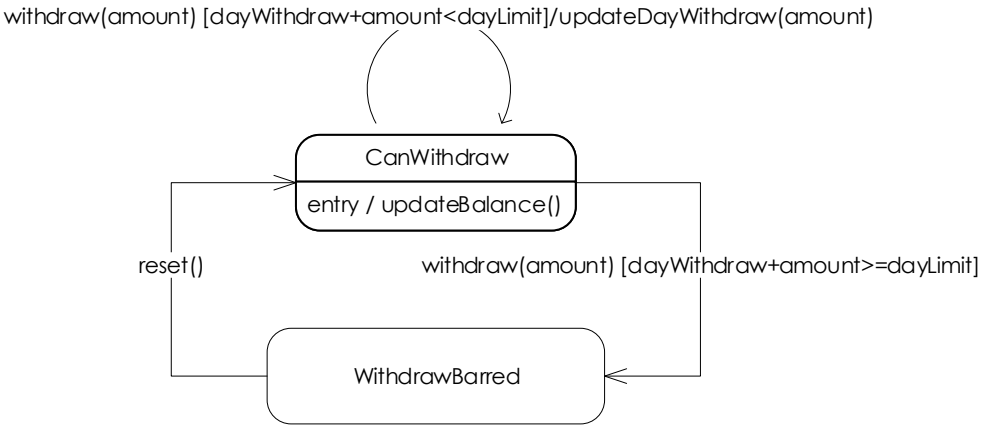
A. a detailed system design B. an initial system architecture C. a component dependency D. a deployment model

Q24. The diagram below shows _____



A. initial package architechture B. initial system architecture C. a component dependency D. a deployment model

Look at the diagram below. Q25 to Q29 are based on the diagram.



Q25. This is a _____.

A. activity diagram B. sequence diagram C. collaboration diagram D. State chart

Q26. _____is a state with internal activity.

A. CanWithdraw B. WithdrawBarred C. withdraw(amount) D. reset()

Q27. reset() is _____

A. an event B. an action C. a state D. a guard condition

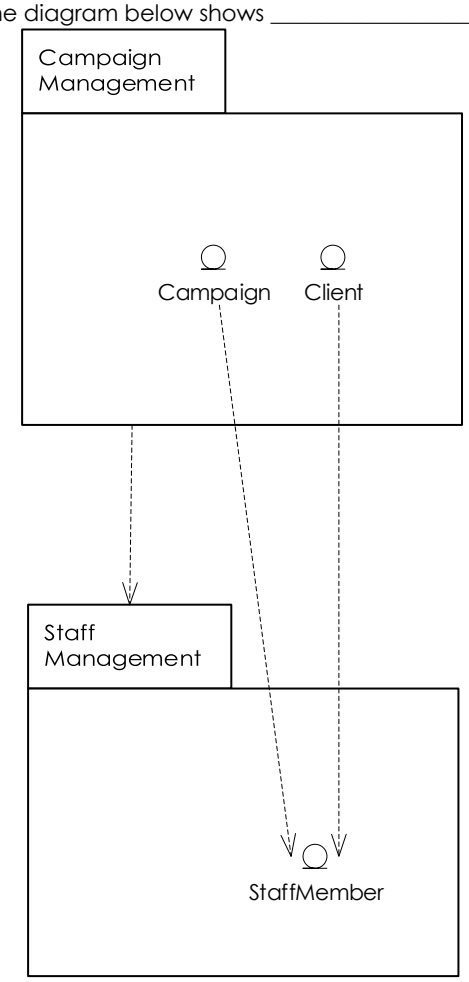
Q28. _____is a state with internal activity.

A. CanWithdraw B. WithdrawBarred C. withdraw(amount) D. reset()

Q29. dayWithdraw+amount>=dayLimit is _____

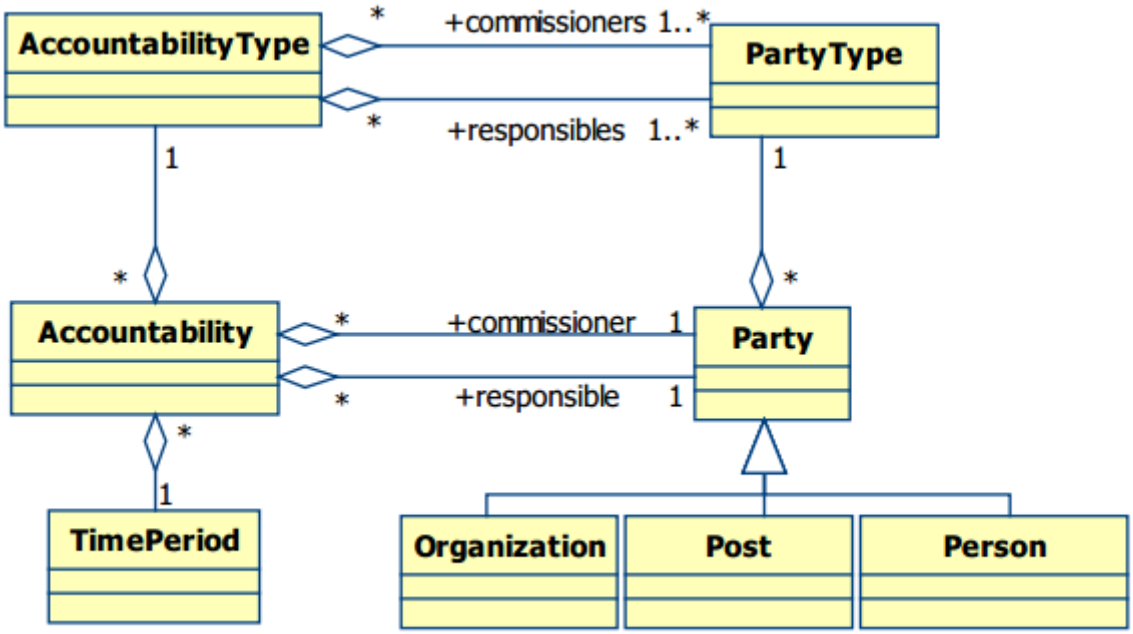
A. an event B. an action C. A state D. a guard condition

Q30. The diagram below shows _____.



A. dependency among packages B. dependency among packages and among objects within packages C. initial system architecture D. Class dependency

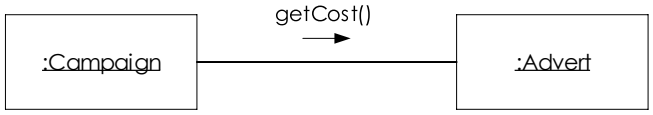
Q31. Look at the diagram



The diagram shows _____.

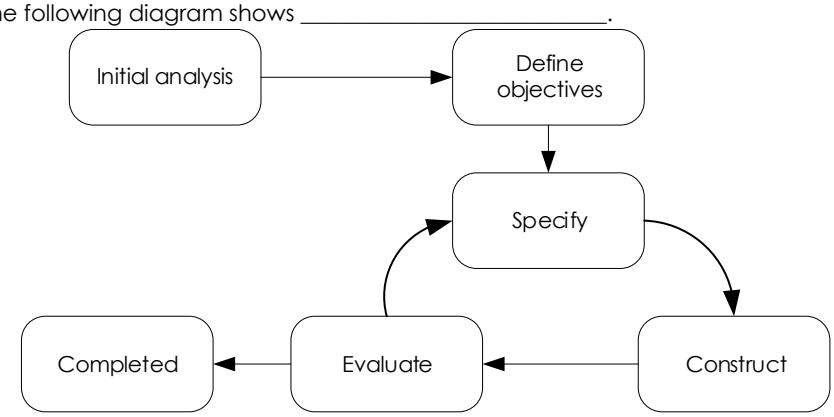
A. accountibilty analysis pattern
B. factory creational pattern
C. composite structural pattern
D. state behavioral pattern

Q32. The diagram below shows _____.



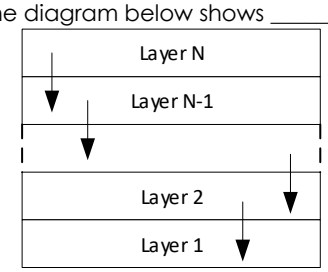
A. object colloboration in time sequence
B. object messaging
C. sub-system communication
D. class interaction in sequence

Q33. The following diagram shows _____.



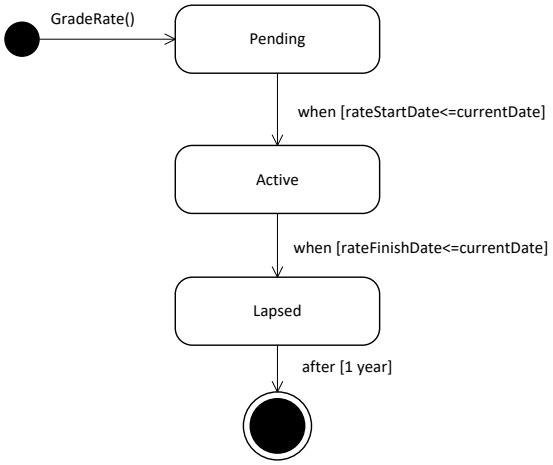
A. Prototyping lifecycle
B. USDP lifecycle
C. traditional lifecycle
D. incremental iterative lifecycle

Q34. The diagram below shows _____



A. Partitioned architecture
B. open layered architecture
C. closed layered architecture
D. partitioned and layered architecture

Q9. Look at the following state chart.



In the above state chart, which one is change event?

A. GradeRate() B. when[rateStartDate<=currentDate] C. after [1 year] D. Active