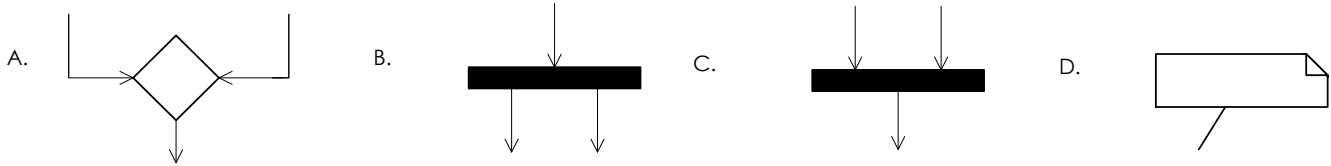
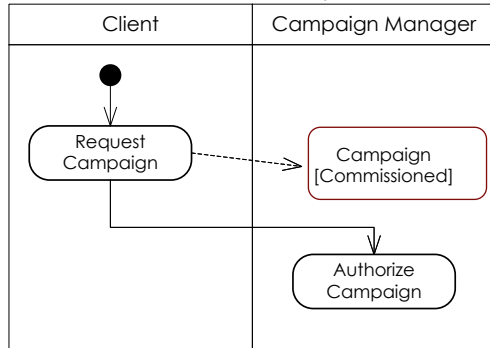


Q1. Which one is used in UML activity diagram to combine two concurrent activities and re-introduces them to a flow where only one activity occurs at a time?



Answer: C

Q2. What does the dashed line with open arrow denote in activity diagram?



- A. Transition
- B. Activity
- C. Object flow
- D. Guard condition

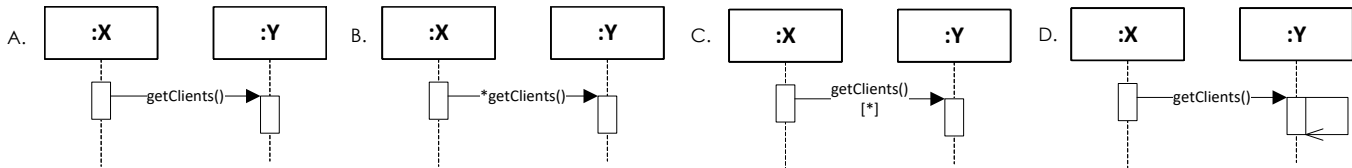
Answer: C

Q3. Which one denotes an asynchronous message?



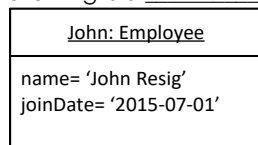
Answer: A

Q4. Which one shows message iteration in sequence diagram correctly?



Answer: B

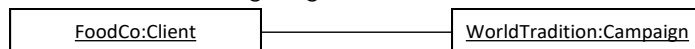
Q5. The following is a _____.



- A. class diagram
- B. instance diagram
- C. object lifeline
- D. actor

Answer: B

Q6. The solid line in the following diagram is _____.



- A. association
- B. link
- C. dependency
- D. communication

Answer: B

[Class to class association and object to object link]

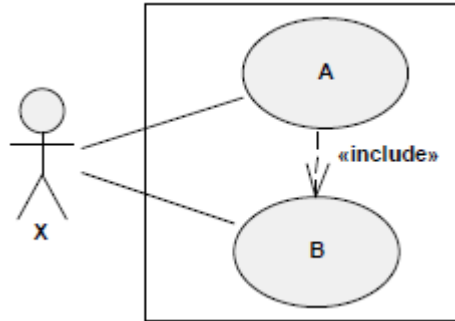
Q7. CRC stands for _____.

- A. Client Responsibility Collaboration
- B. Client Responsibility Class
- C. Class Responsibility Consistency

D. Class Responsibility Collaboration

Answer: D

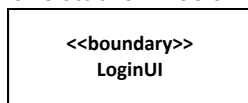
Q8. What does the following USE CASE define?



- A. the behavior of B frequently used in the behavior of A
- B. the behavior of A frequently used in the behavior of B
- C. the behavior of B might be used in the behavior of A
- D. the behavior of A might be used in the behavior of B

Answer: B

Q9. Look at class shown below

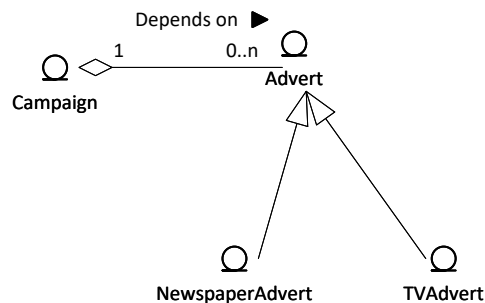


The above can alternatively be shown as _____

- A.
- B.
- C.
- D.

Answer: C

Q10. The following diagram shows _____.



- A. generalization and aggregation
- B. generalization and composition
- C. composition and aggregation
- D. composition and specialization

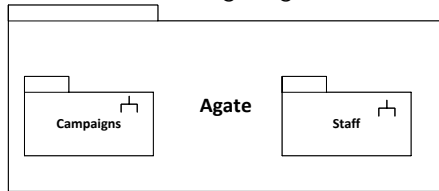
Answer: A

Q11. Which one is the correct UML notation for Sub-system?

- A.
- B.
- C.
- D.

Answer: B

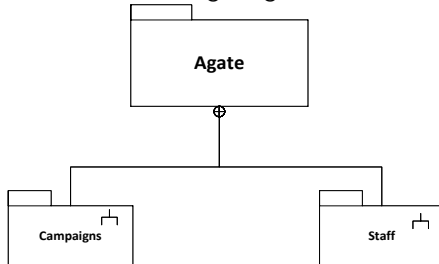
Q12. What does the following diagram show?



- A. Package dependency
- B. Sub-systems containment of a system
- C. Relationship of sub-systems of a system
- D. Sub-systems of a component

Answer: B





Q3. What does the following diagram show?



- A. Package dependency
- B. Sub-systems containment of a system
- C. Relationship of sub-systems of a system
- D. Sub-systems of a component

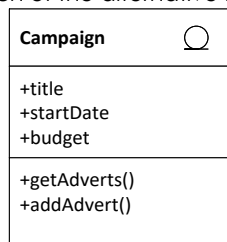
Answer: C

Q4. Which one is the symbol for a use case?

- A. 
- B. 
- C. 
- D. 

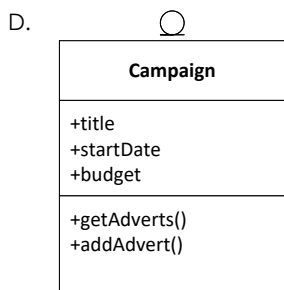
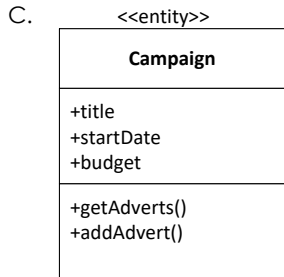
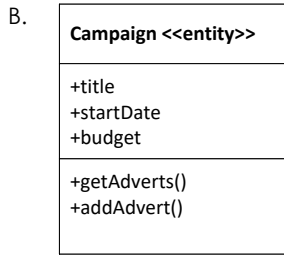
Answer: A

Q5. Which of the alternative nation of the following class?



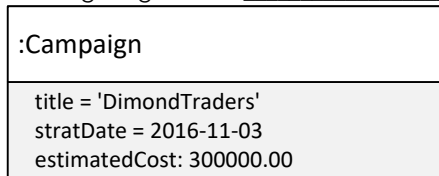
- A.

<<entity>> Campaign
+title +startDate +budget
+getAdverts() +addAdvert()



Answer: A

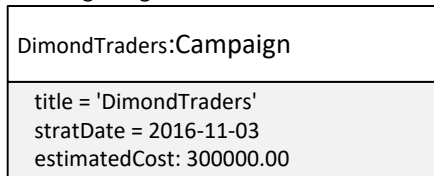
Q6. The following diagram is a _____.



- A. Named instance of campaign class
- B. Anonymous instance of campaign class
- C. Named instance of campaign class with attribute values
- D. Anonymous instance of campaign class with attribute values

Answer: D

Q7. The following diagram is a _____.



- A. Named instance of campaign class
- B. Anonymous instance of campaign class
- C. Named instance of campaign class with attribute values
- D. Anonymous instance of campaign class with attribute values

Answer: C

Q8. What does the following denotes in UML?

X:Y

- A. X is an instance of Y class
- B. Y is an instance of X class
- C. X is an attribute of Y class
- D. Y is an attribute of X class

Answer: A

Q9. Which does the symbol indicates?



- A. Package
- B. Object
- C. Component
- D. Aggregation

Answer: C

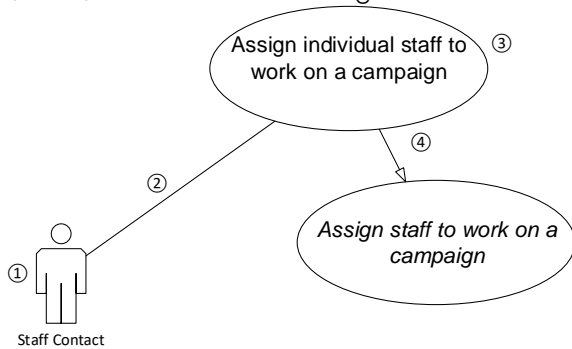
Q10. Which does the symbol indicates?



- A. Package
- B. Component
- C. Control stereotype
- D. Boundary stereotype

Answer: C

Q1 to Q3 are based on the diagram below?



Q1. In the diagram which one is the communication association?

- A. ①
- B. ②
- C. ③
- D. ④

Answer: B

Q2. In the diagram which one is the actor?

- A. ①
- B. ②
- C. ③
- D. ④

Answer: A

Q3. In the diagram which one is the use case?

- A. ①
- B. ②
- C. ③
- D. ④

Answer: C

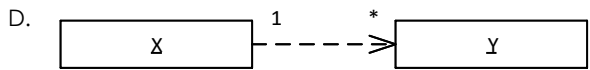
Q4. Which one is the anonymous instance of a control class?

- A. :Advert
- B. AnAdvert
- C. WorldTrade
- D. :AdvertUI

Answer: A

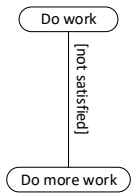
Q5. Which one is aggregation?

- A. 1 * X Y
- B. 1 * X Y
- C. 1 * X Y



Answer: B

Q6. Look at diagram

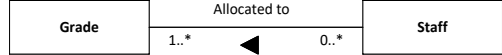


What is the text in angle brackets ([]) called?

- A. Decision
- B. Guard condition
- C. Activity
- D. Transition

Answer: B

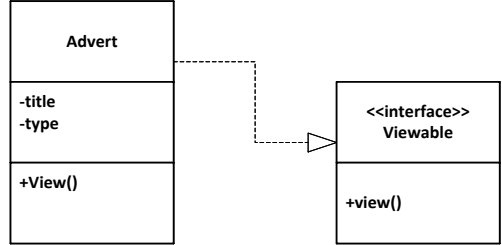
Q7. What does the following association mean?



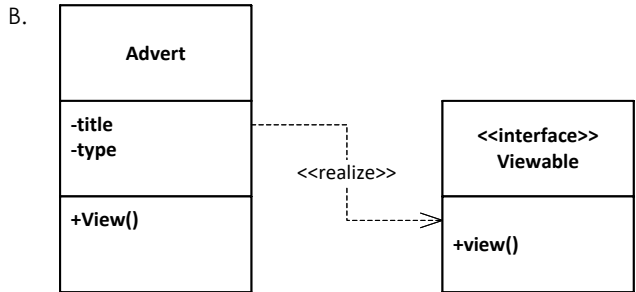
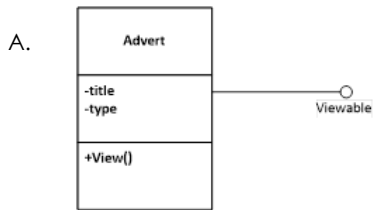
- A. Every Staff member may be allocated to one or more grades, while a grade may have zero, one or more staff allocated to it.
- B. Every Staff member must be allocated to one or more grades, while a grade may have zero, one or more staff allocated to it.
- C. Every Staff member may be allocated to one or more grades, while a grade must have zero, one or more staff allocated to it.
- D. Every Staff member must be allocated to one or more grades, while a grade must have zero, one or more staff allocated to it.

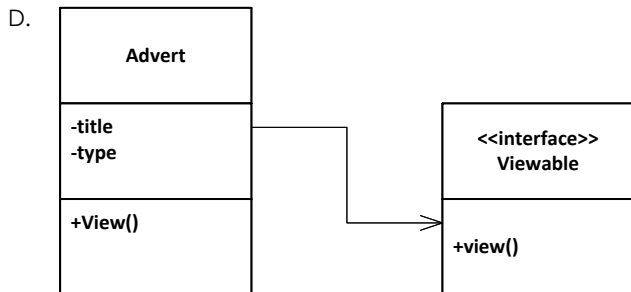
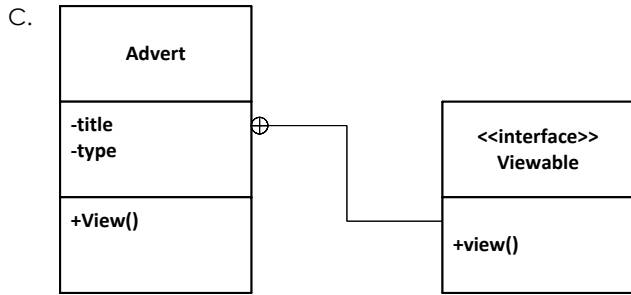
Answer: B

Q8. Look at the diagram below



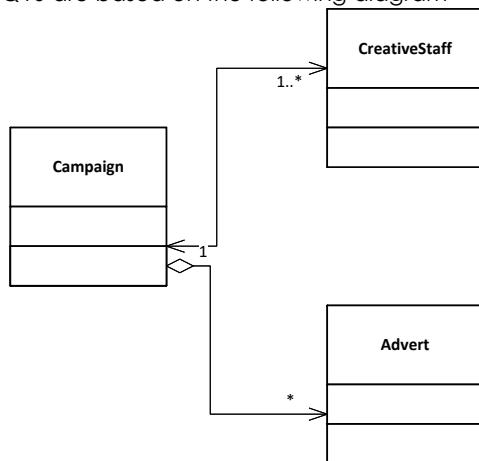
Which of the alternative nation of the following class?





Answer: A

Q9 and Q10 are based on the following diagram



Q9. The diagram shows _____ between Campaign and Advert class and also between Campaign and Creative Staff class?

- A. links
- B. association
- C. dependency
- D. cohesion

Answer: B

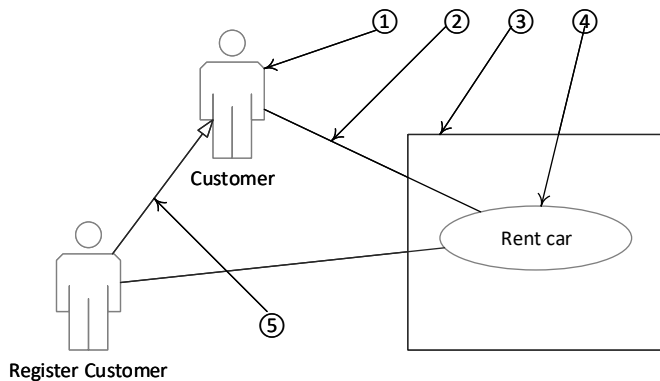
[Composition & aggregation are special type of association]

Q10. According to the diagram, one-way association exists between_____.

- A. Campaign and Advert class
- B. Campaign and CreativeStaff class
- C. CreativeStaff and Advert class
- D. Action

Answer: A

Look at the diagram below



Q1 to Q6 are based on the figure above.

Q1. The diagram is _____

- A. a USE CASE diagram
- B. an activity diagram
- C. a collaboration diagram
- D. a sequence diagram

Answer: A

Q2. What is the element labelled with ①?

- A. Actor
- B. User
- C. Client
- D. Interface

Answer: A

Q3. What is the element labelled with ②?

- A. Dependency
- B. Communication association
- C. Decision point
- D. Transition

Answer: B

Q4. What is the element labelled with ③?

- A. State
- B. System or sub-system boundary
- C. USE CASE
- D. Package

Answer: B

Q5. What is the element labelled with ④?

- A. State
- B. System or sub-system boundary
- C. USE CASE
- D. Package

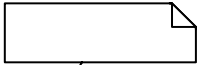
Answer: C

Q6. What is the element labelled with ⑤?

- A. Specialization
- B. Generalization
- C. Dependency
- D. Guard condition

Answer: B

Q7. What is the following diagram element?



- A. State
- B. Object
- C. Note
- D. Constraint

Answer: C

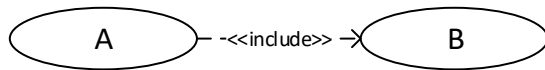
Q8. Use Case B may provide additional functionality to Use Case A for a given condition. How would you model it?

- A.
- B.
- C.
- D.

Answer: A

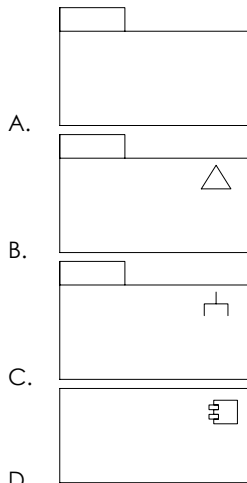
Q9. Use Case A always use functionality of Use Case B. How would you model it?

- A.
- B.
- C.



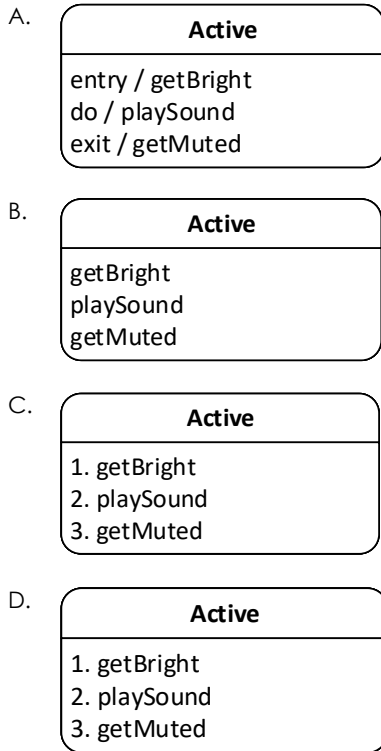
D.
Answer: D

Q10. Which one represents a Model?

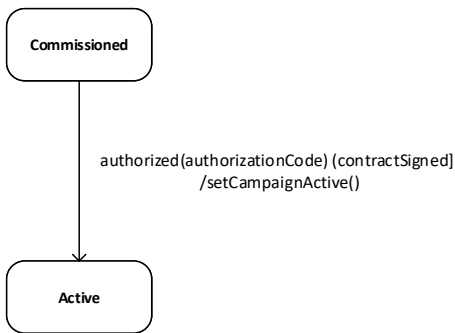


Answer: B

Q1. When an object enters into Active state, it triggers getBright(), While the object remains in Active state, the activity causes a sound clip to be played, and when object exists the state triggers getMuted(). Which statechart is the correct for the scenario?



Answer: A
Look at the state transition. Q2 & Q3 are based on the state transition.



Q2. What type of event triggers the transition?

- A. Change event
- B. Time elapsed event
- C. Call event
- D. Composite event

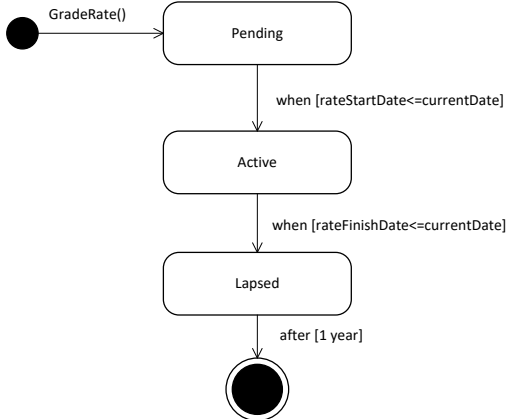
Answer: C

Q3. Which one is the event trigger?

- A. authorized(authorizationCode)
- B. [contract Signed]
- C. setCampaignActive()
- D. Active

Answer: A

Look at the following state chart.



Q4. In the above state chart, which one is elapsed-time event?

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

Answer: D

Q5. Look at the diagram below



The diagram above shows _____.

- A. class dependency
- B. class association
- C. package dependency
- D. deployment architecture

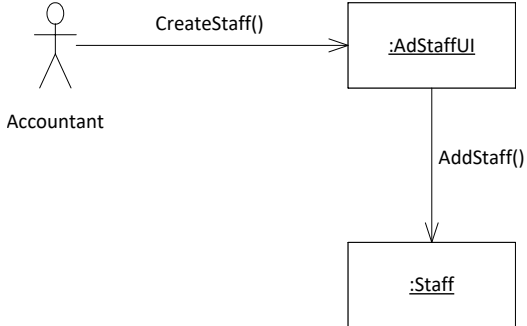
Answer: C

Q6. The Bank account class have an operation named credit that is passed to the amount being credited and the operation has a Boolean return value. Which one valid operation signature of the operation?

- A. Boolean credit (Money amount)
- B. credit (amount as Money) returns Boolean
- C. credit (amount: Money): Boolean
- D. Boolean: credit (amount: Money)

Answer: C

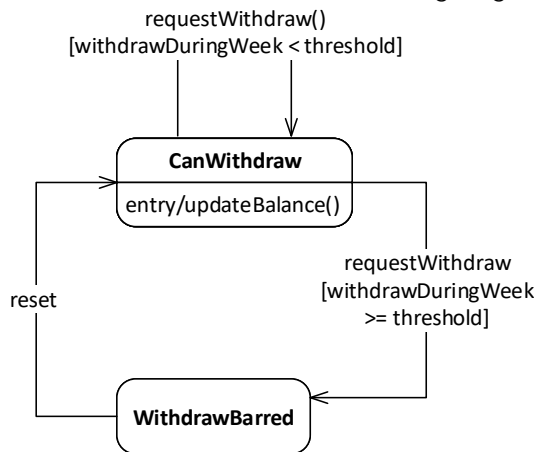
Q7. What type of diagram is the following?



- A. Activity diagram
- B. Sequence diagram
- C. Collaboration diagram
- D. State chart

Answer: C

Q8, Q9 & Q10 are based on the following diagram



Q8. What type of diagram is it?

- A. Activity diagram
- B. Sequence diagram
- C. Collaboration diagram
- D. State chart

Answer: D

Q9. Here WithdrawBarred is a _____.

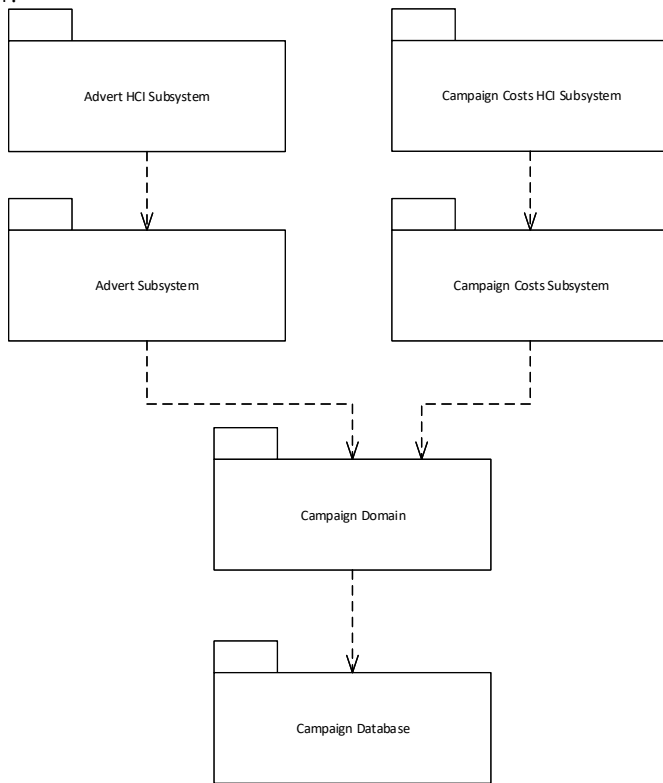
- A. State
- B. Event
- C. Signal
- D. Action

Answer: A

Q10. What does 'entry/updateBalance()' mean in diagram?

- A. updateBlanace() event causes the transition to the CanWithdraw state
- B. updateBlanace() action is performed on entering the CanWithdraw state
- C. updateBlanace() action is performed continuously during the span of while object is in the CanWithdraw state
- D. updateBlanace() event causes the transition from CanWithdraw state to WithdrawBarred state

Q1.

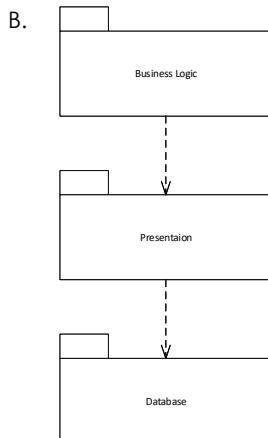
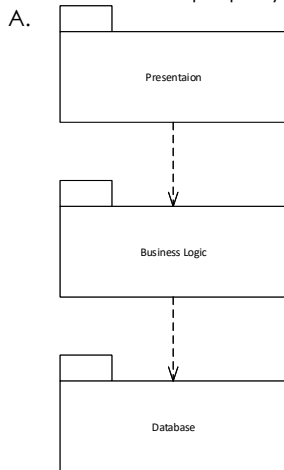


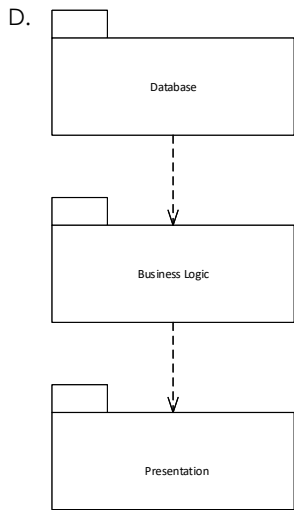
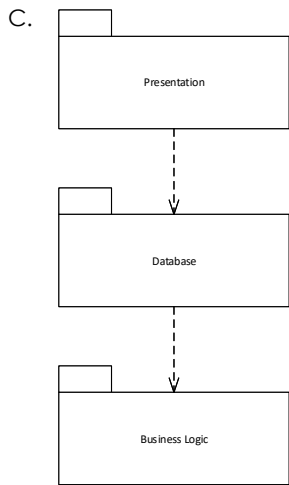
The diagram shows _____.

- A. Partitioning
- B. Layering
- C. Partitioning and Layering
- D. None of the above

Answer: C

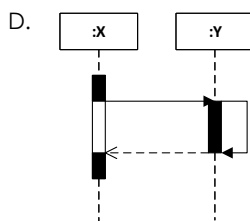
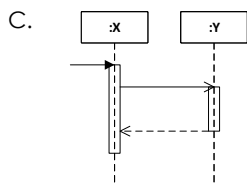
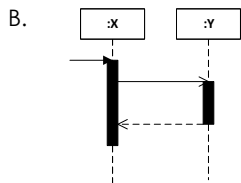
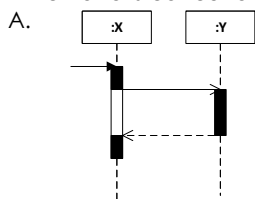
Q2. Which one is the properly layered three-layer architecture?





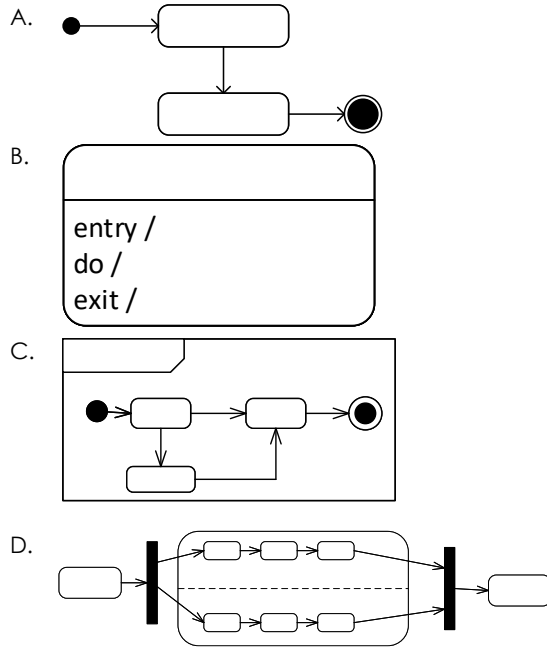
Answer: A

Q3. Which one is concurrent activity in sequence diagram?



Answer: B

Q4. Which one is the concurrent state?



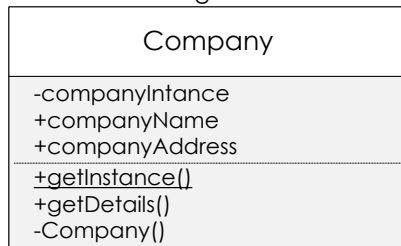
Answer: D

Q5. Which one is not an internal action of a state?

- A. do
- B. entry
- C. exit
- D. exclude

Answer: D

Q6. Look at the class diagram



The class is an example of

- A. Composite pattern
- B. Singleton pattern
- C. State pattern
- D. Anti-pattern

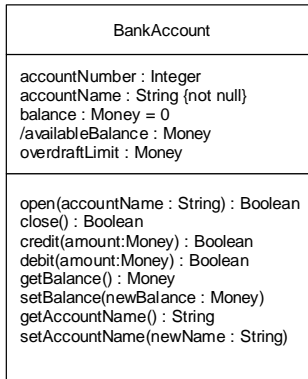
Answer: B

Q7. Which of the following correct way of specifying an attribute?

- A. name : type-expression = initial-value {property-string}
- B. name : type-expression = initial-value [property-string]
- C. type-expression : name = initial-value {property-string}
- D. type-expression : name = initial-value [property-string]

Answer: A

Q8. Which attribute of the following class is derived one?



- A. accountNumber
- B. accountName
- C. balance
- D. availableBalance

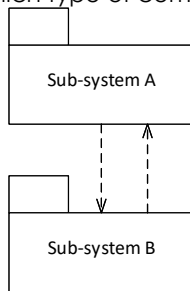
Answer: D

Q9. Which symbol denotes protected visibility?

- A. +
- B. -
- C. #
- D. ~

Answer: C

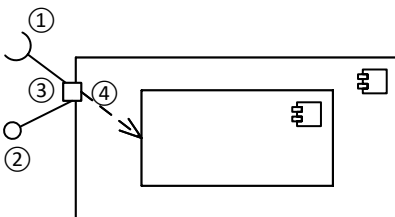
Q10. Which type of communication is the following?



- A. Peer-to-peer
- B. Client-server
- C. Open layered
- D. Closed layered

Answer: A

Q1 to Q4 are based on the following diagram



Q1. Which one is the port?

- A. ①
- B. ②
- C. ③
- D. ④

Answer: C

Q2. Which one is the required interface?

- A. ①
- B. ②
- C. ③
- D. ④

Answer: A

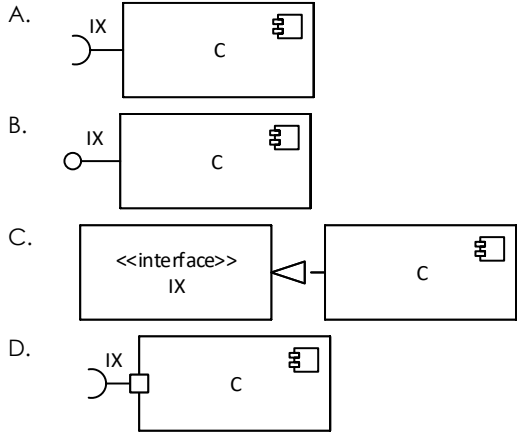
Q3. Which one is the provided/implemented dependency?

- A. ①
- B. ②
- C. ③

D. ④

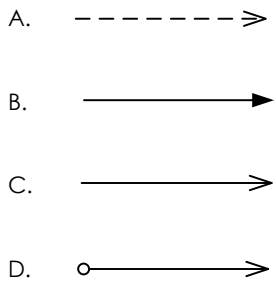
Answer: B

Q4. Which one correctly shows that component C exposes IX interface?



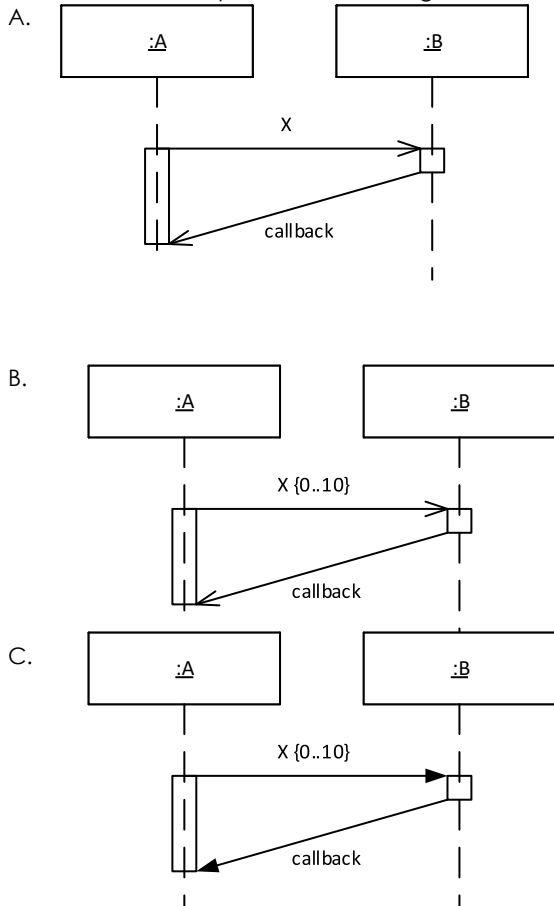
Answer: B

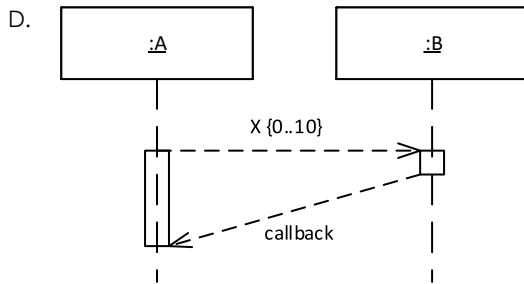
Q5. Which one is creational message?



Answer: A

Q6. Which one show asynchronous message with duration constraint?





Answer: B

Q7. Look at the multiplicity in the association



Which of the following is equivalent to the above?

- A.
-
- ```

classDiagram
 Staff "0..*" -- "*"

```
- B.
- 
- ```

classDiagram
    Staff "0/*" -- "*"
  
```
- C.
-
- ```

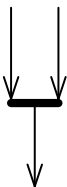
classDiagram
 Staff "*..0" -- "*"

```
- D.
- 
- ```

classDiagram
    Staff "*/0" -- "*"
  
```

Answer: A

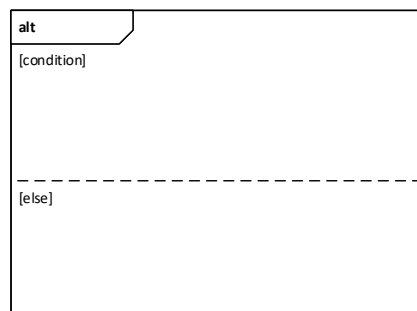
Q8. What does the following denote?



- A. Join pseudostate
 B. Fork pseudostate
 C. Self-message
 D. Decision in transition

Answer: A

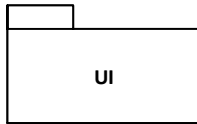
Q9. What does the following denote?



- A. Alternate fragment
 B. Optional fragment
 C. Another fragment
 D. Package

Answer: A

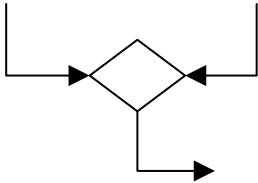
Q9. What does the following denote?



- A. Component
- B. Subsystem
- C. Package
- D. Lifeline

Answer: C

Q10. What does the following denote?

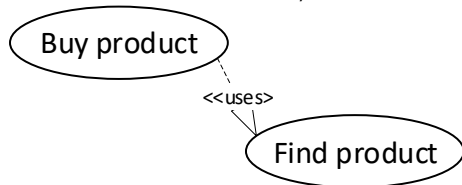


- A. Decision
- B. Merge
- C. Join
- D. Fork

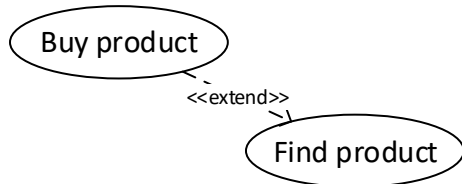
Answer: B

Q1. The "Buy product" use case often uses the "Find product" use case in order to allow an actor to select the product to buy. Which one models the fact correctly?

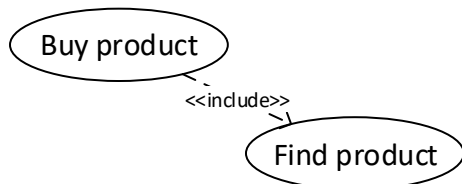
A.



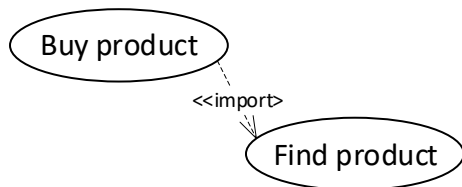
B.



C.



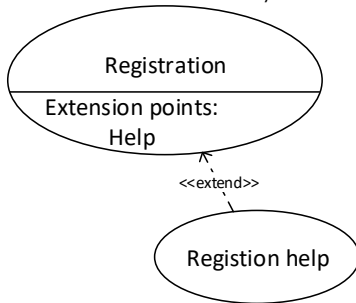
D.



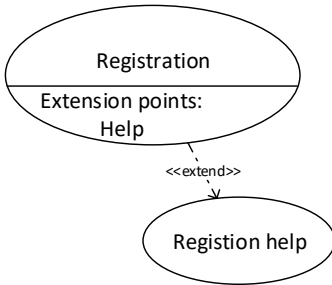
Answer: C

Q2. The "Registration" use is supplemented by the "Registration help" use case if an actor opts for help. Which one models the fact correctly?

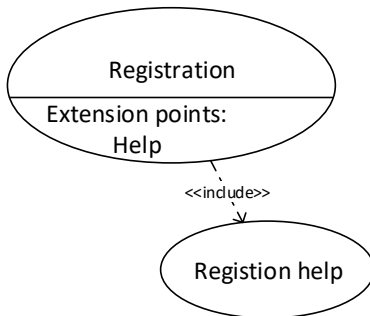
A.



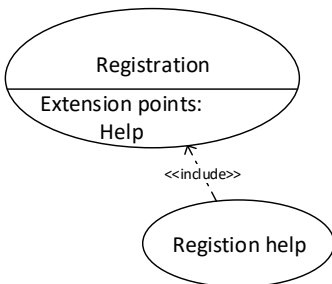
B.



C.



D.

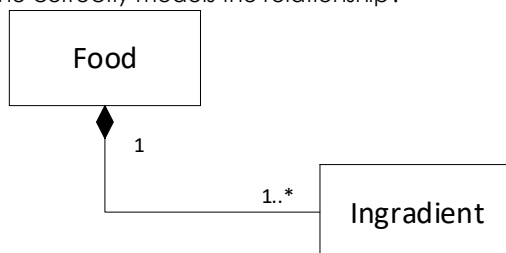


Answer: A

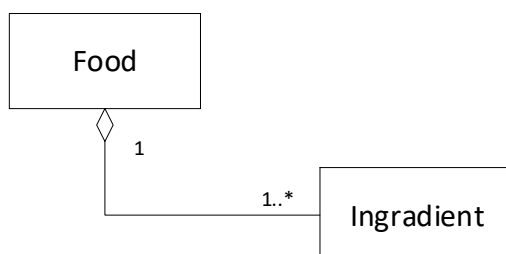
Q3. A food is made up from many ingredients. Ingredient is in only one meal at a time. If you discard the meal you will lose ingredients too.

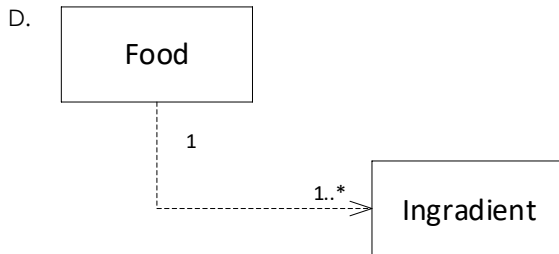
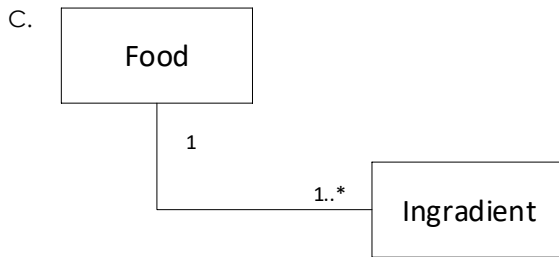
Which one correctly models the relationship?

A.



B.





Answer: A

Q4. _____ represent the possibility of a logical relationship or connection between objects of one class and objects of another.

- A. Links
- B. Associations
- C. Composition
- D. Aggregation

Answer: B

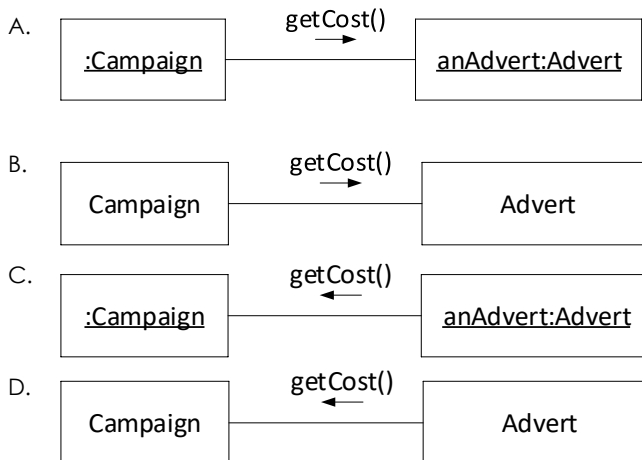
Q5. Which part of an association is the range of permitted cardinalities of an association?

- A. Name
- B. Direction
- C. Multiplicity
- D. Role

Answer: C

Q6. A Campaign object sends message to an Advert object is described as
 advertCost = anAdvert.getCost()

Which one correctly shows the communication?



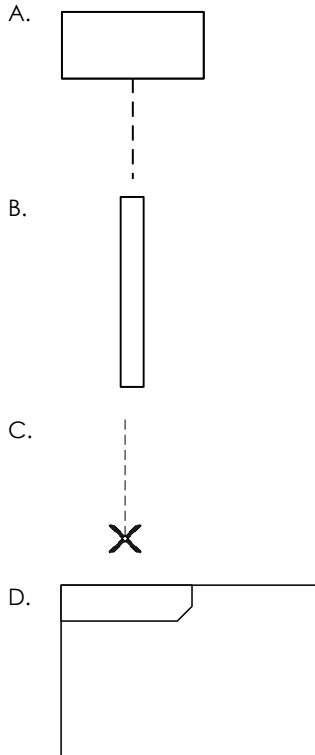
Answer: A

Q7. Which one is self-reflexive message?

- A.
- B.
- C.
- D.

Answer: C

Q8. Which one is classifier role in sequence diagram?



Answer: A

Q9. _____ is caused by the passage of a designated period of time after a specified event

- A. A change event
- B. A call event
- C. A signal event
- D. An elapsed-time event

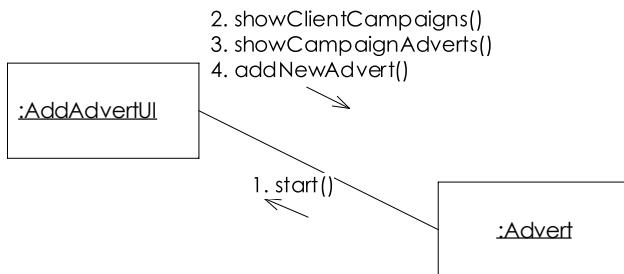
Answer: D

Q10. Which one change event?

- A. when [rateStartDate <= currentDate]
- B. authorized(authorizationCode) [contract Signed] /setCampaignActive()
- C. after [1 year]
- D. GradeRate()

Answer: A

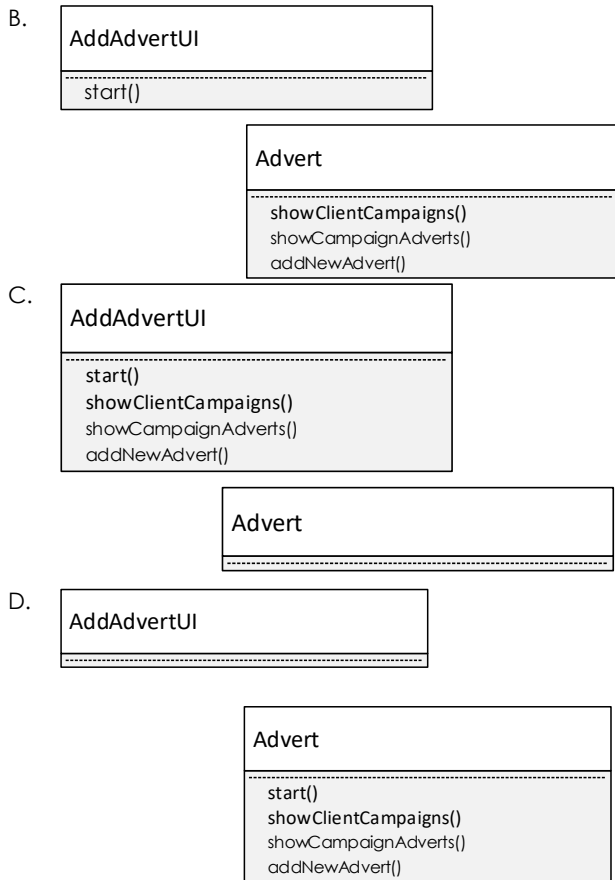
Q1. See the communication diagram



Based on the diagram which class diagram is correct?

2





Answer: B

Q2. Which one is not an analysis class stereotype?

- A.
- B.
- C.
- D.

Answer: D

Q5. Consider the constraint

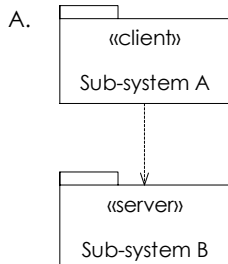
"In the context of a specific company, the size of the set of the property 'CEO' of a company must be less than or equal to 1"

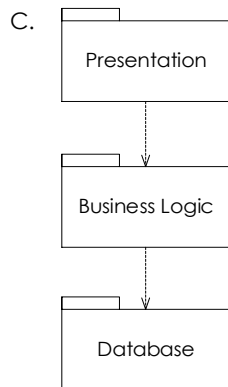
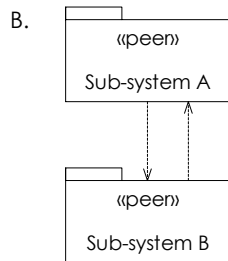
Which OCL expression is correct?

- A. Company
self.CEO.size <= 1
- B. Company
this.CEO.size <= 1
- C. Company
self.CEO->size() <= 1
- D. Company
self.CEO->size <= 1

Answer: D

Q6. Which one is client-server architecture?



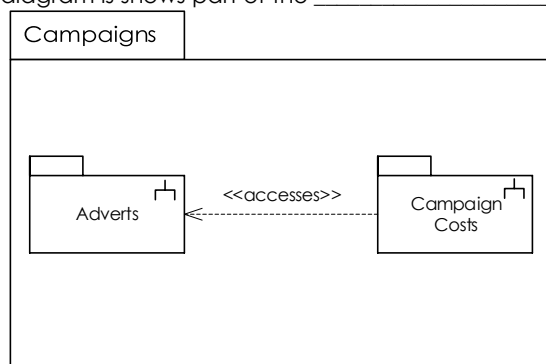


D. None of the above

Answer: A

Q7. Look at the state chart

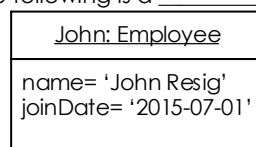
Q9. The diagram is shows part of the _____.



- A. Physical design
- B. Detailed design
- C. System architecture
- D. Deployment architecture

Answer: C

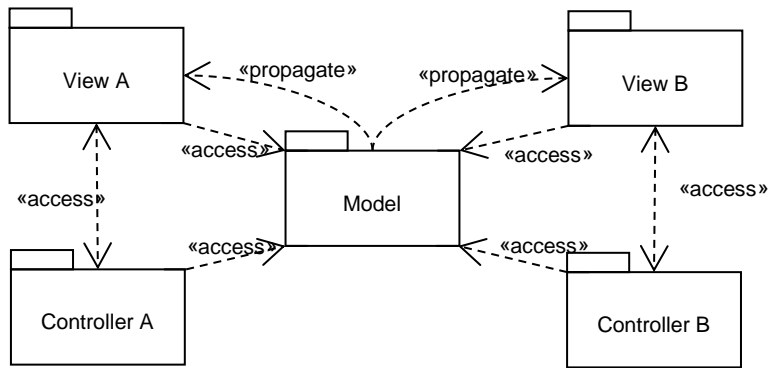
Q10. The following is a _____.



- A. class diagram
- B. instance diagram
- C. object lifeline
- D. actor

Answer: B

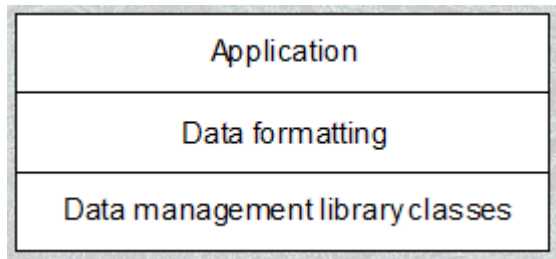
Q1. The is a general Model-View-Controller.



- A. True
- B. False

Answer: A

Q2.

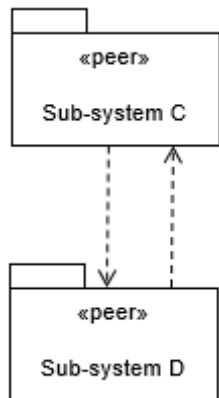


The diagram is a –

- A. Layered architecture
- B. Partitioned sub-systems
- C. System
- D. Package

Answer: A

Q3.

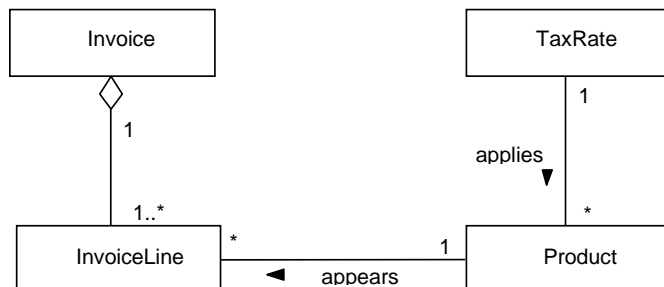


The diagram shows

- A. interaction between sub-systems
- B. links between sub-systems
- C. communication between sub-systems
- D. dependencies between sub-systems

Answer: C

Q4.



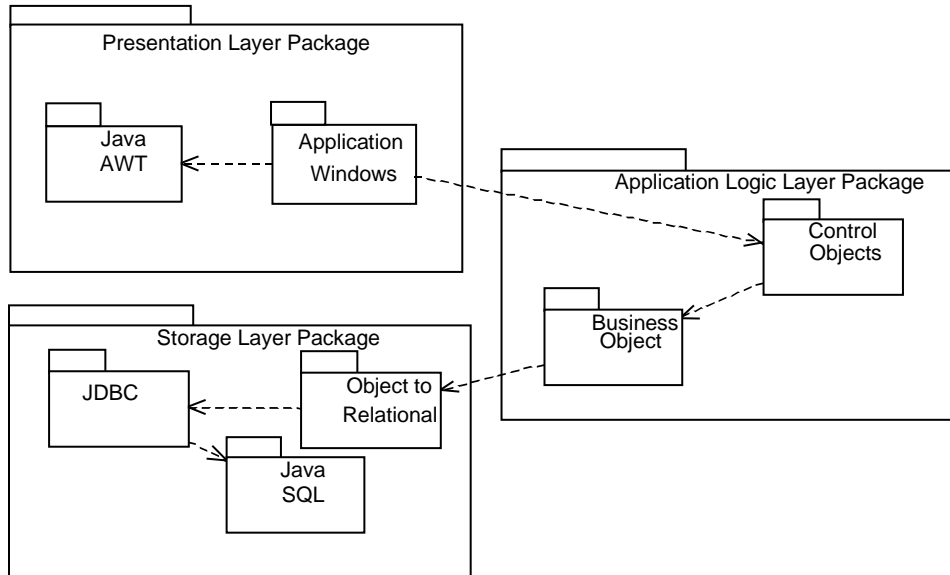
The diagram shows

- A. Assigning responsibilities
- B. Assigning dependencies

- C. Assigning links
- D. Assigning associations

Answer: A

Q5.

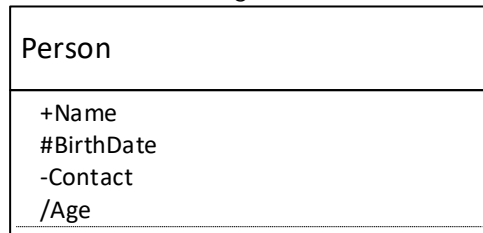


This is the diagram of –

- A. Elaborating classes in sub-systems
- B. **Elaborating classes in packages**
- C. Elaborating classes in system
- D. Elaborating sub-systems in system

Answer: B

Q1. Which one of the following class is a derived attribute?

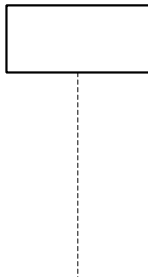


- A. Name
- B. BirthDate
- C. Contact
- D. Age

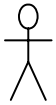
Answer: D

Q2. Which one is Boundary Object Lifeline?

A.



B.



C.



D.



Answer: C

Q3. Which is the symbol for lost message?

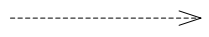
A.



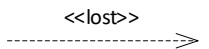
B.



C.



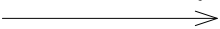
D.



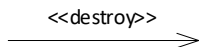
Answer: A

Q4. Which one is used for object destroy message?

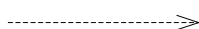
A.



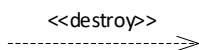
B.



C.



D.



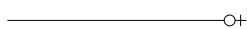
Answer: D

Q5. Which is the symbol for association multiplicity – 1 and only one?

A.



B.



C.



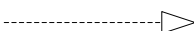
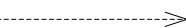
D.




Answer: D

Q6. Which one is used for constraint?

A.



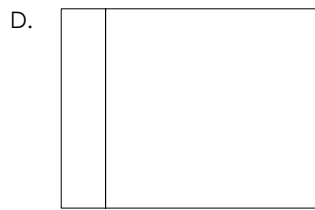
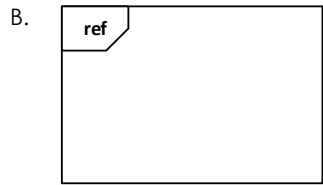
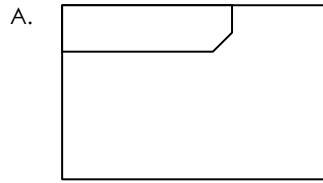
B.

C. 

D. -----{or}-----

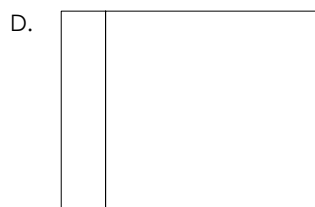
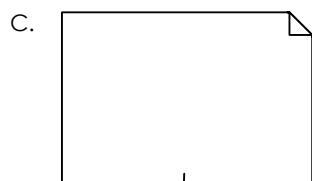
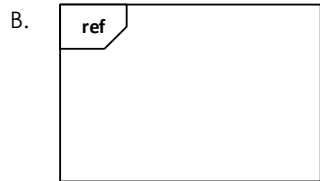
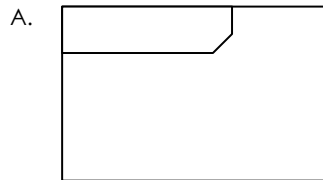
Answer: D

Q7. Which one is used for interaction diagram?



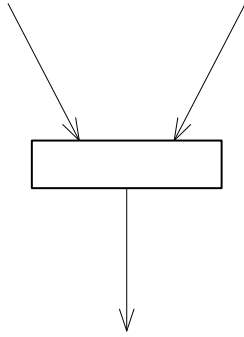
Answer: B

Q8. Which one is used for combined fragment?



Answer: A

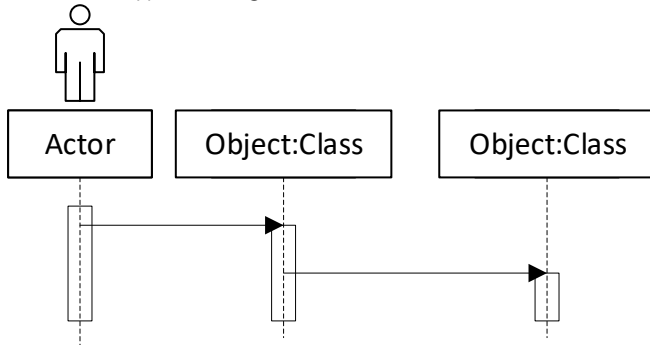
Q9. What is the following diagram element called?



- A. Join
- B. Fork
- C. Concurrency
- D. Frame

Answer: A

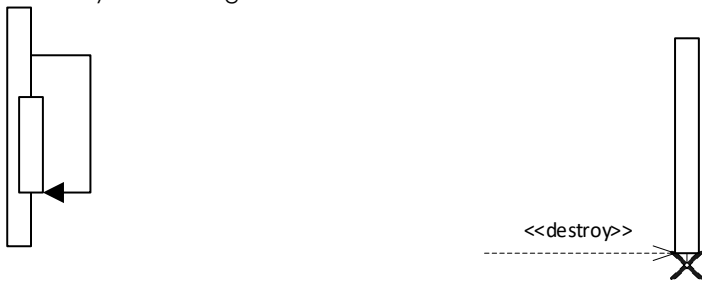
Q10. What type of diagram is it?



- A. Activity
- B. Collaboration
- C. Sequence
- D. State machine

Answer: B

Q1. Identify the messages



Q2. Identify symbols



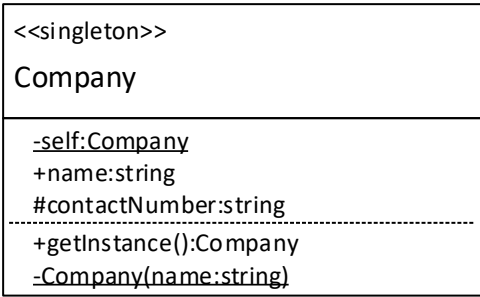
__Send signal__

__Accept Signal__

__Time Signal

__Interrupt Signal__

Q3. Look at the class diagram



Fill in the blanks

A. Class-scope attribute is

B. contactNumber attribute visibility is

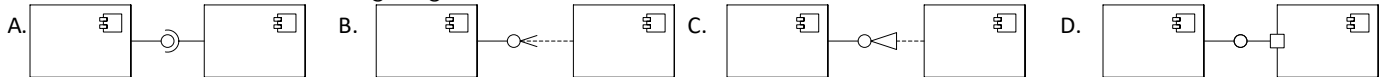
C. Company(name: string) is

__Company__

__Protected__

__Constructor (method)__

Q6 to Q9 are based on the following diagram



Q6. Which one shows interface dependency?

Q7. Which one shows required/provided interface?

Q8. Which one shows interface realization?

Q9. Which uses port to expose required and provided interfaces of a component?

Q10. Which one shows a recursive event?

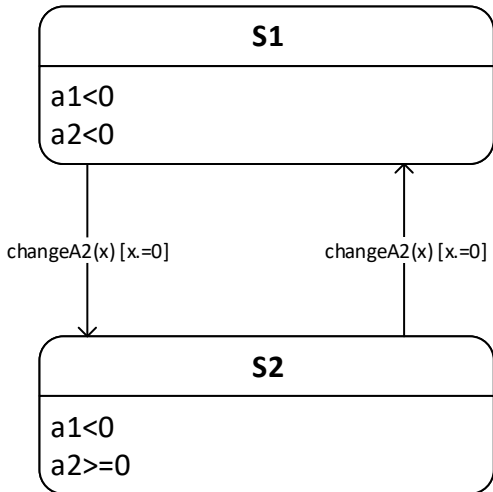
__B__

__A__

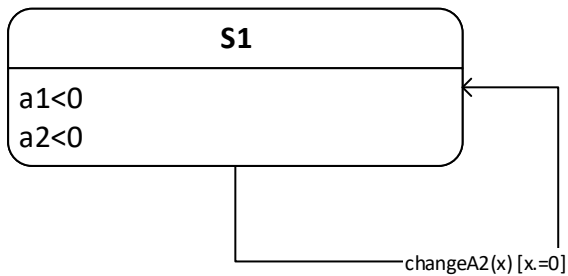
__C__

__D__

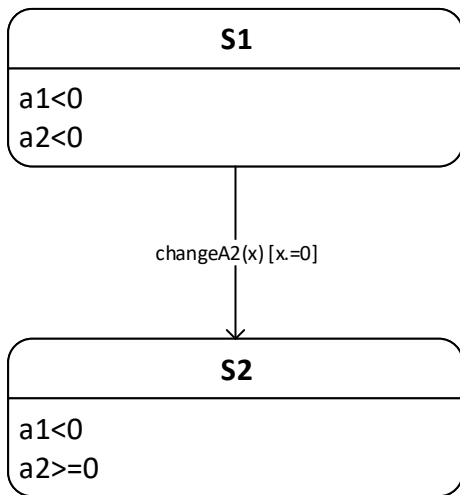
A.



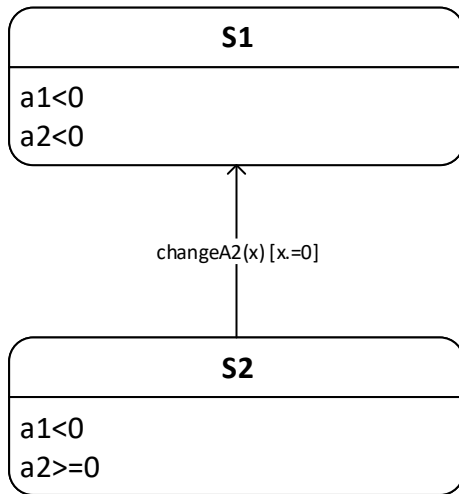
B.



C.



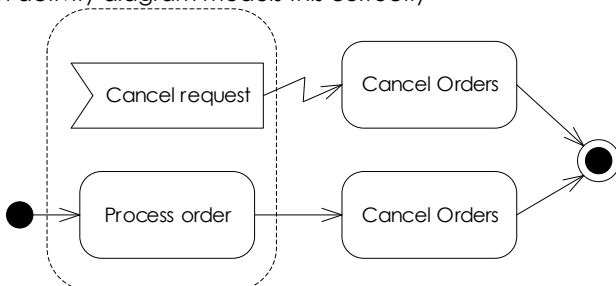
D.



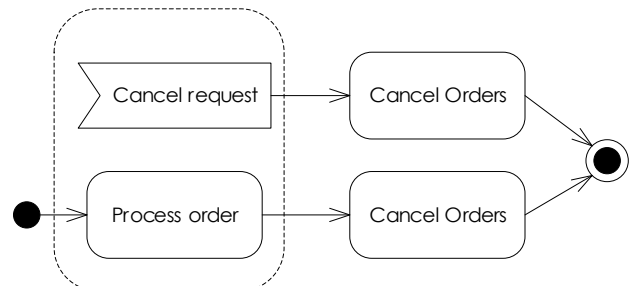
Answer: B

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

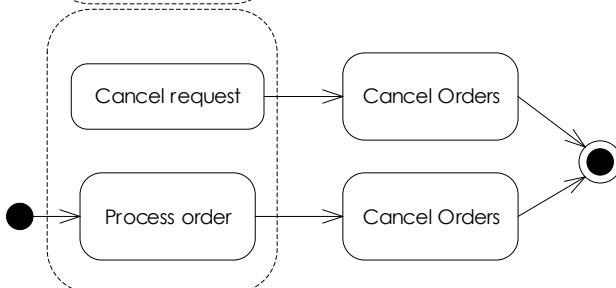
A.



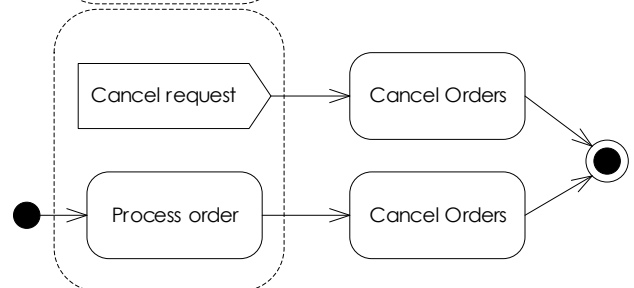
B.



C.

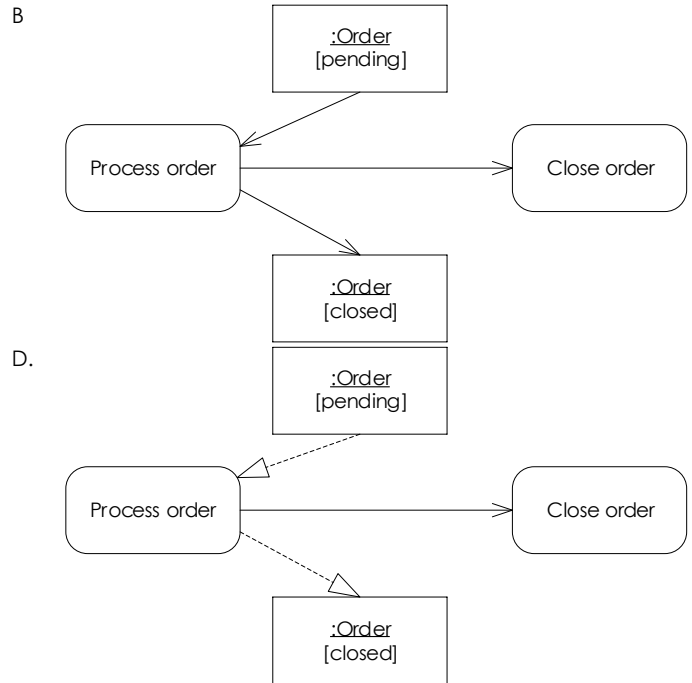
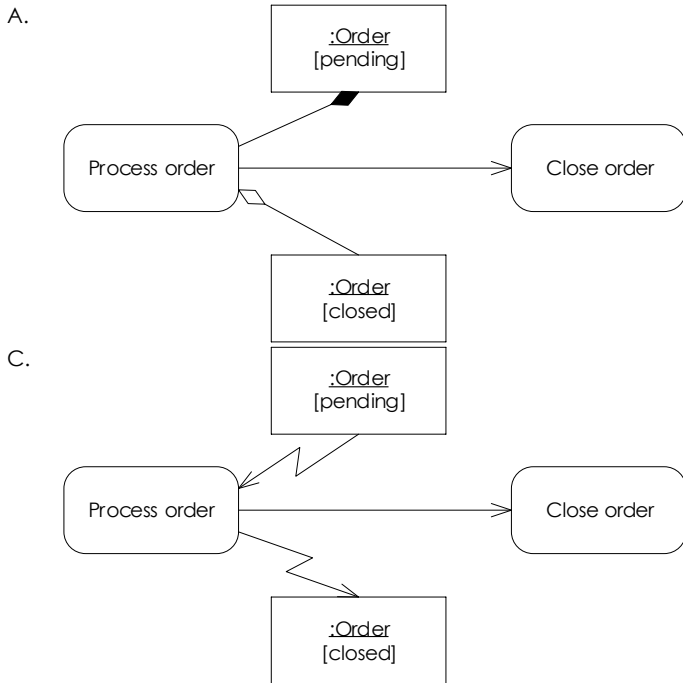


D.



Answer: A

Q3. Which one shows object follow in activity correctly?




Answer: B

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

- A.  B. 

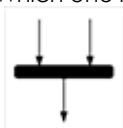
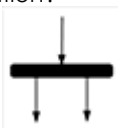
Answer: D

Q5. Which one is used for option/loop?

- A.  B. 

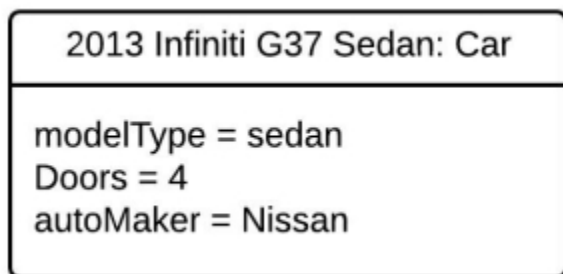
Answer: C

Q6. Which one is used for synchronization?

- A.  B. 

Answer: A

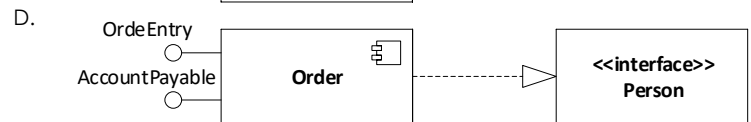
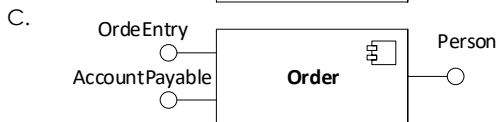
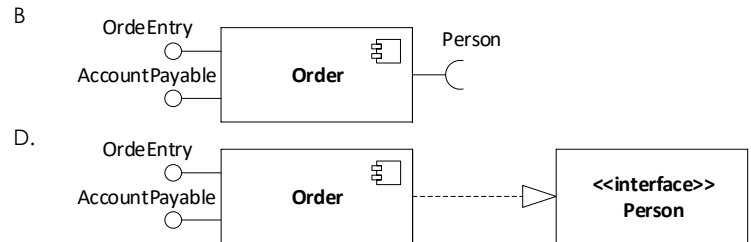
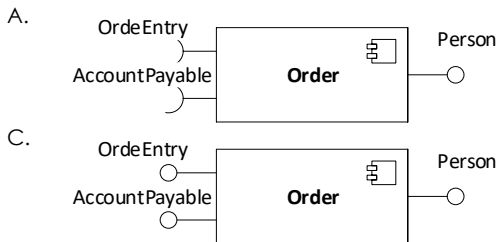
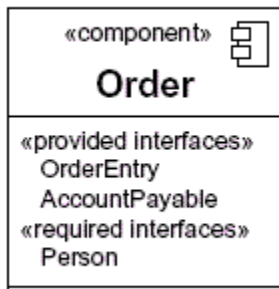
Q7. What type of diagram is the following?



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

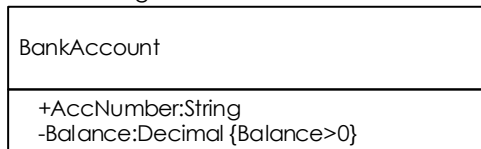
Answer: B

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

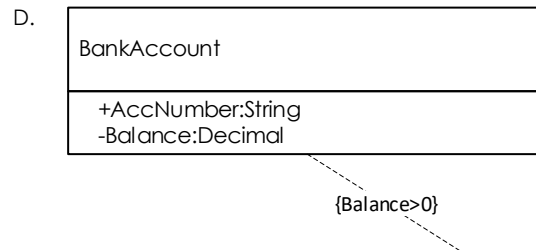
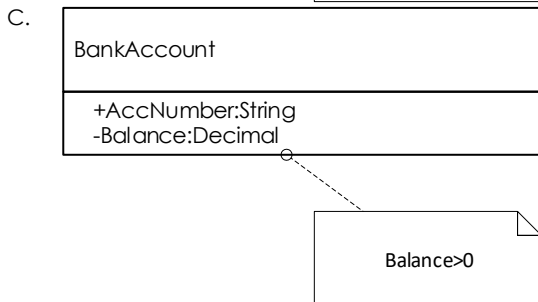
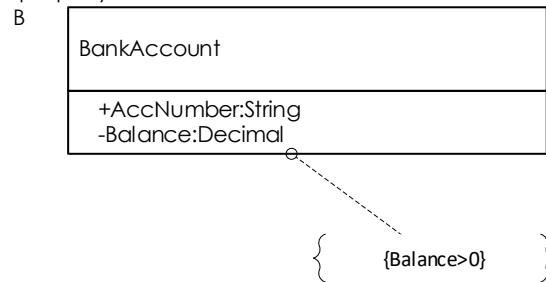
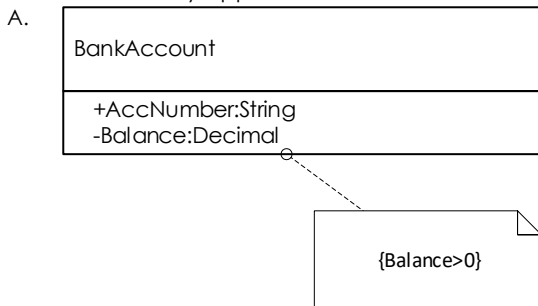


Answer: B

Q9. Look at class diagram



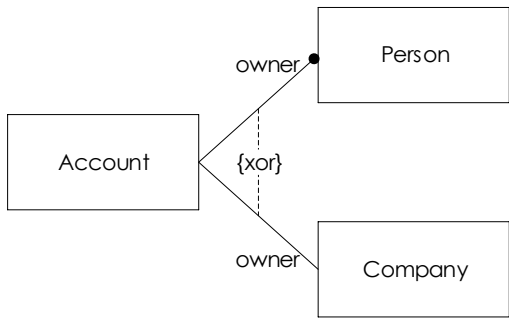
Which is correctly applies the constraint on the Balance attribute properly?



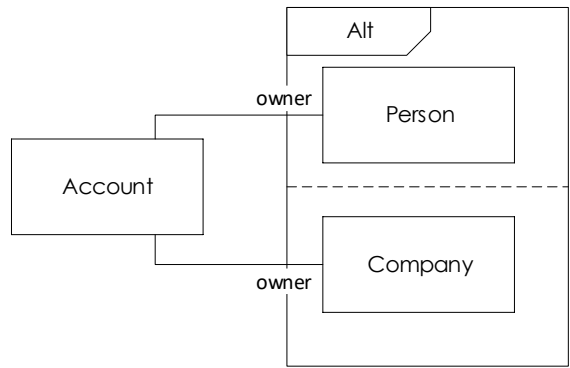
Answer: A [Some tool shows as B]

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

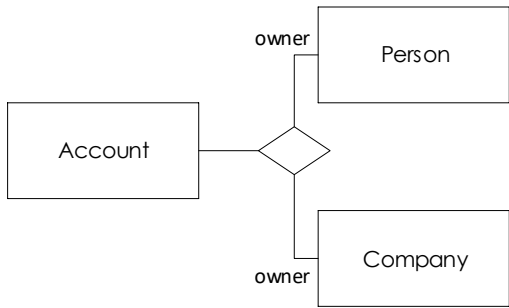
A.



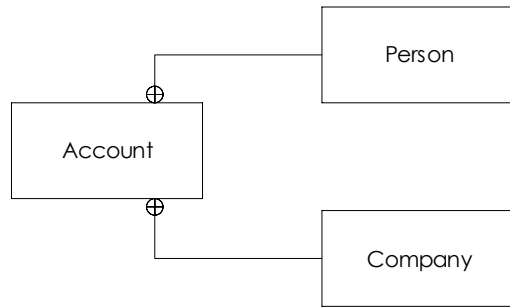
B.



C.

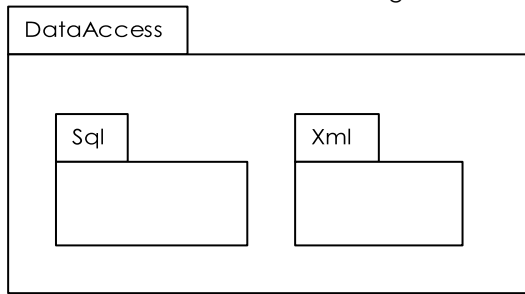


D.

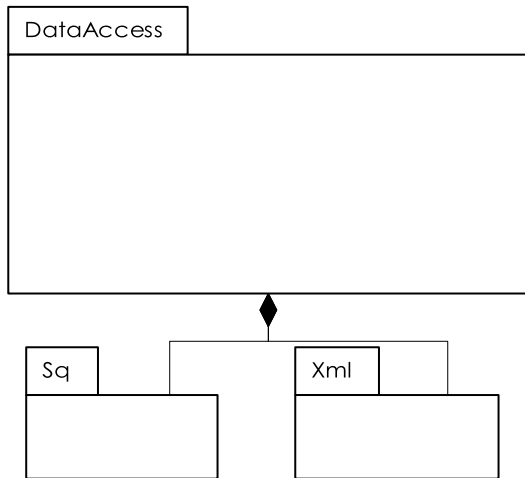


Answer: A

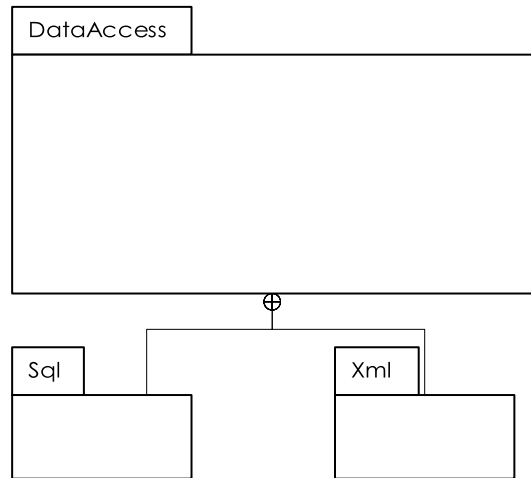
Q11. Which one is alternative to the following?

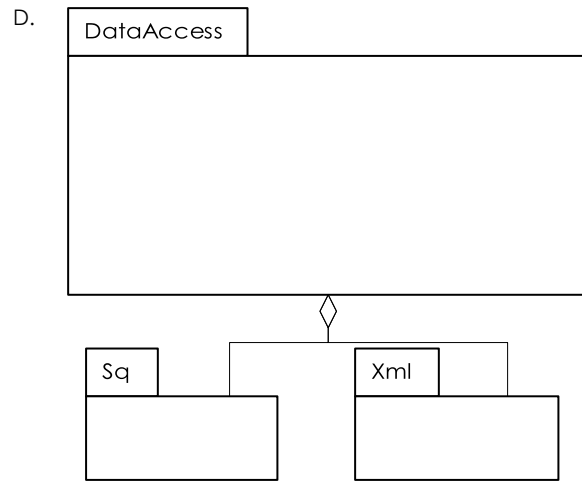
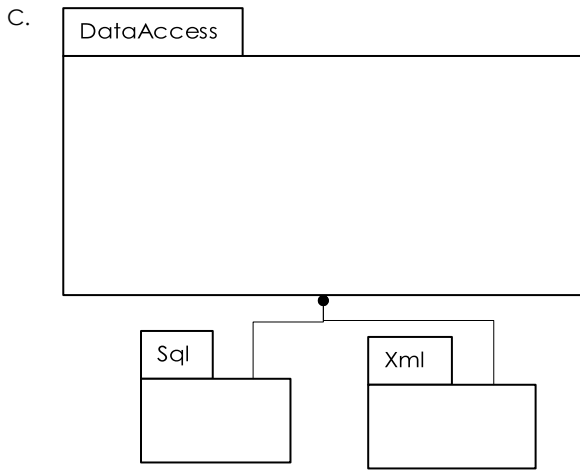


A.



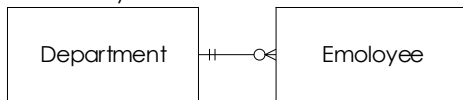
B.



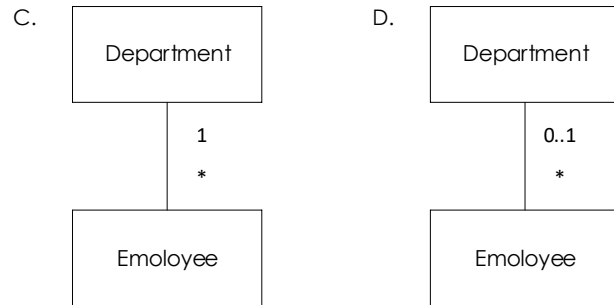
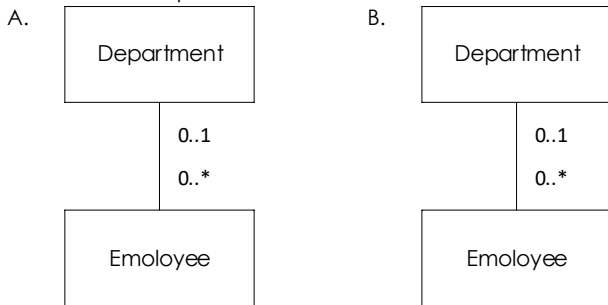


Answer: B

Q12. Consider Entity relation

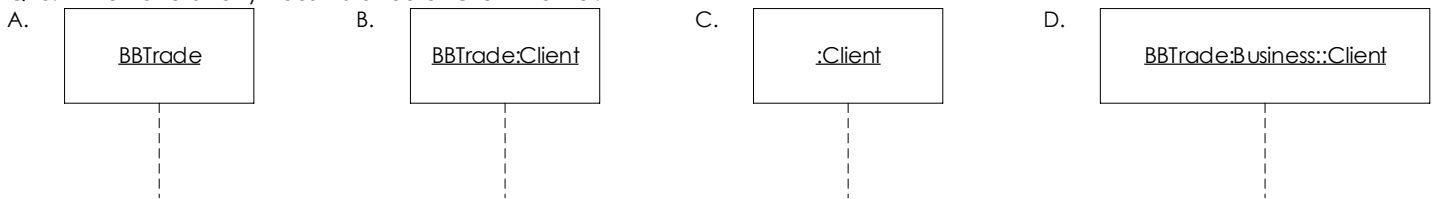


Which one is equivalent class association?



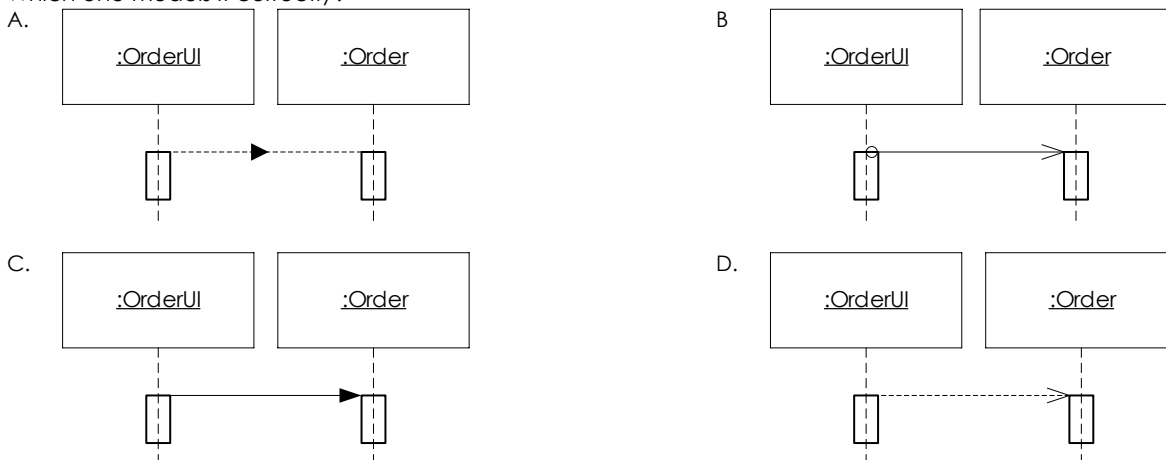
Answer: C

Q13. Which one anonymous instance of Client lifeline?



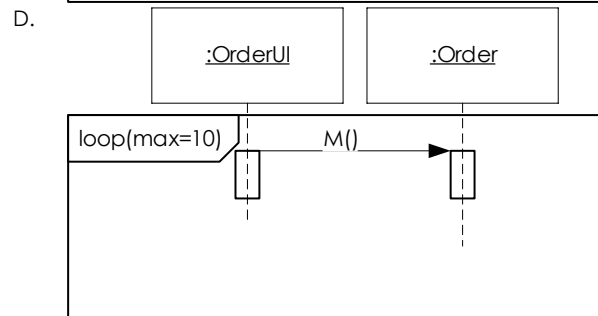
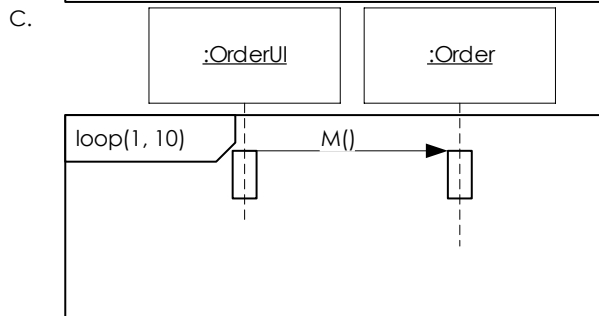
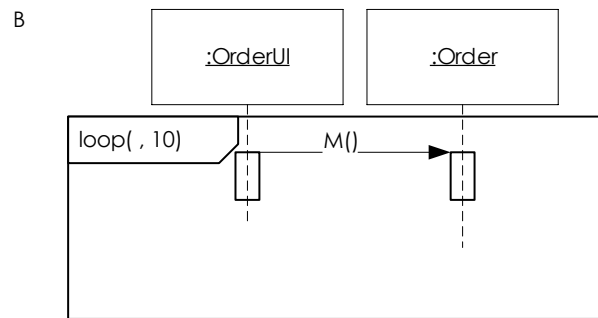
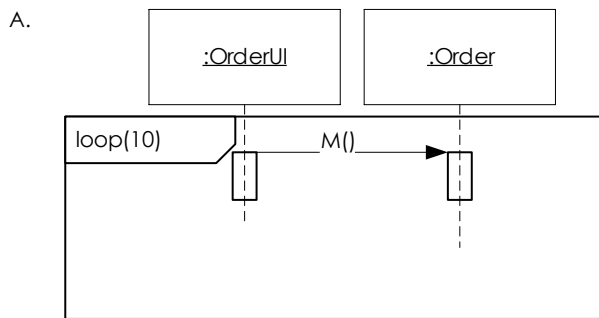
Answer: C

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



Answer: D

Q15. Which one shows that loop will execute exactly 10-times?

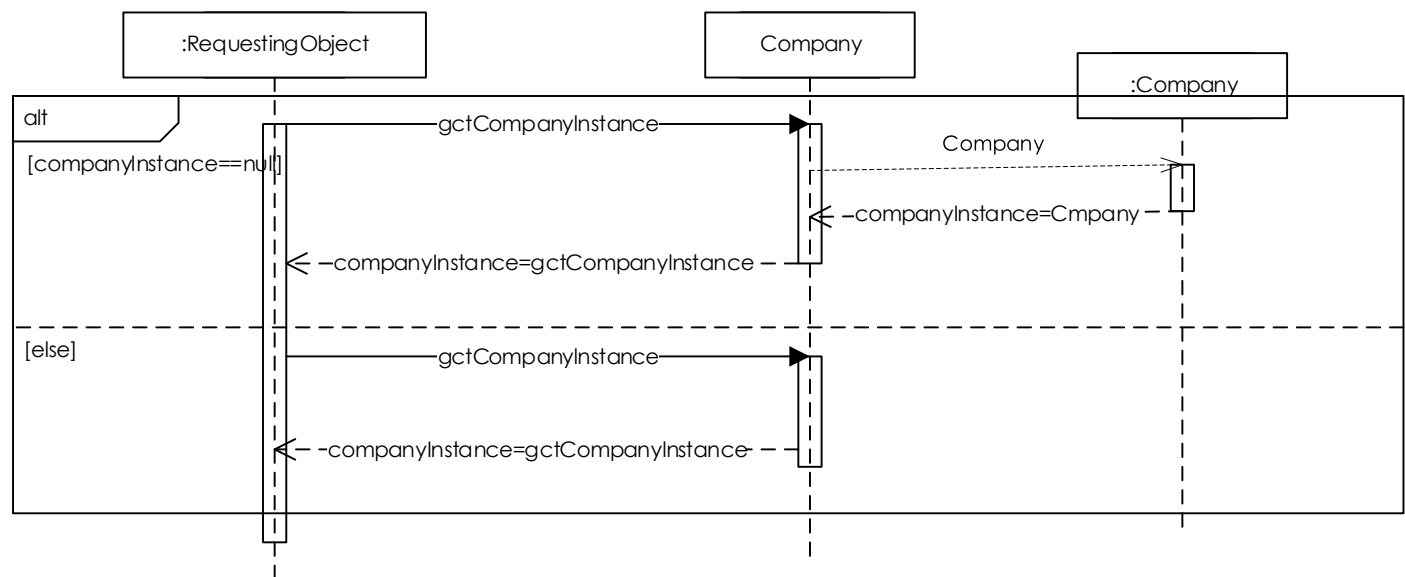


Answer: A

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

```
companyInstance = Company.getCompanyInstance()
```

The sequence diagram of instance creation is shown below

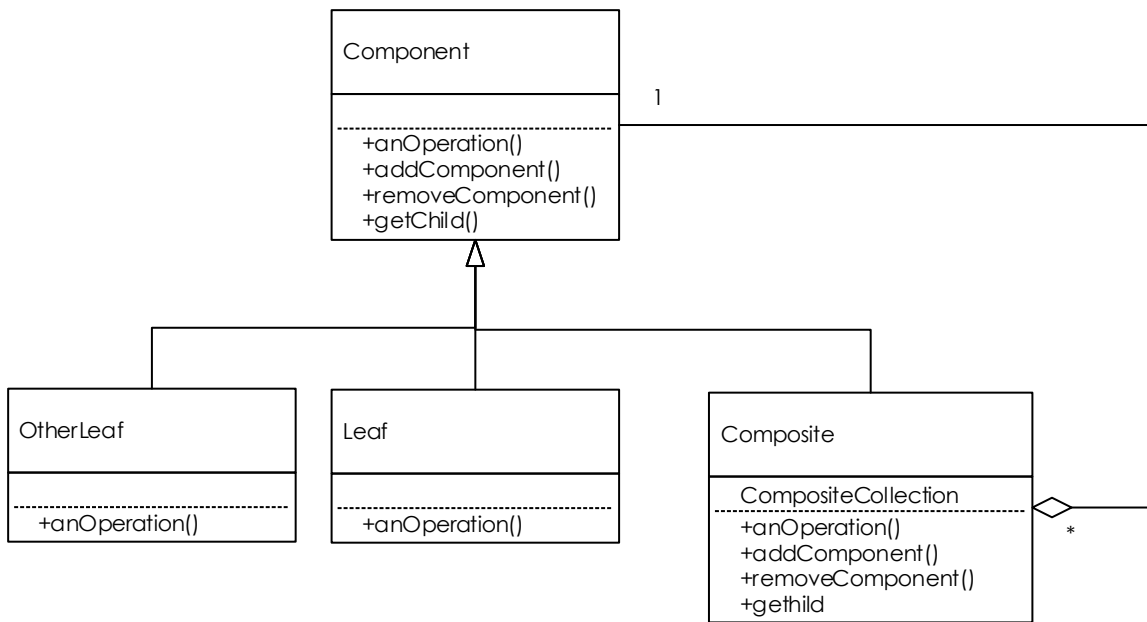


Which patten is applied here?

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

Answer: D

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

Answer: B

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

Answer: A

Q19. BankAccount object has operation with signature

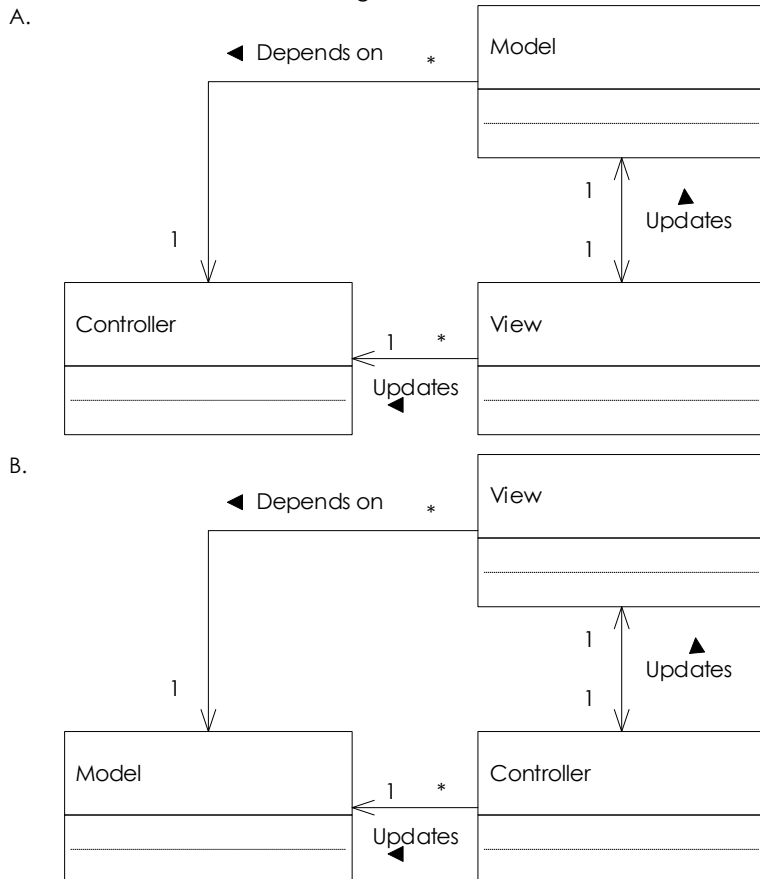
credit(amount:Money) :Boolean

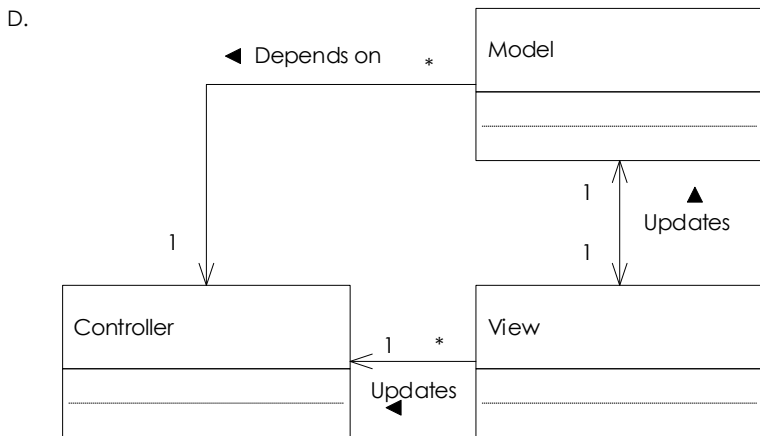
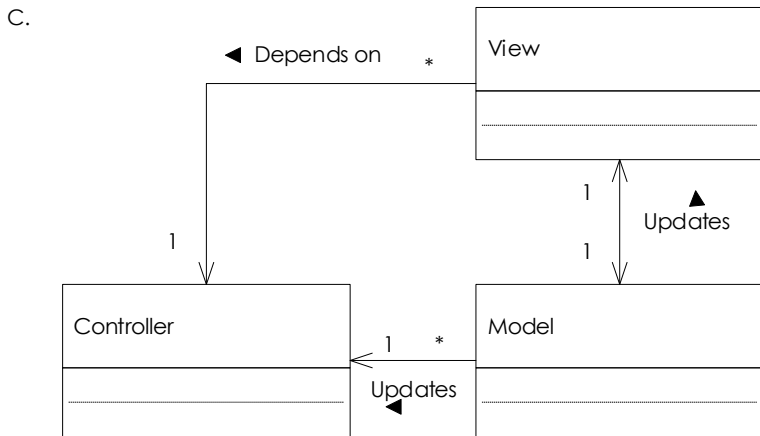
Which one sends credit () message sent to a BankAccount object accObject with parameter value 500.00?

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

Answer: A

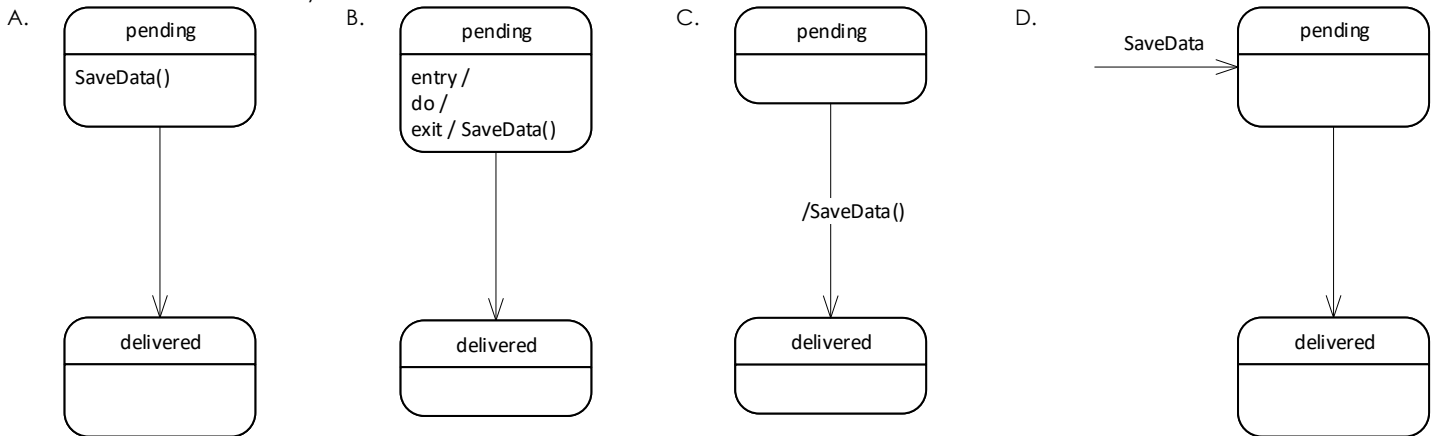
Q20. Which one the correct diagram MVC architecture?





Answer: B

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



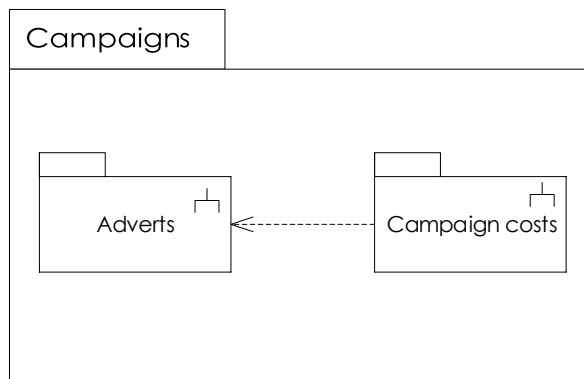
Answer: B

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

- A.  B.  C.  D. 

Answer: B

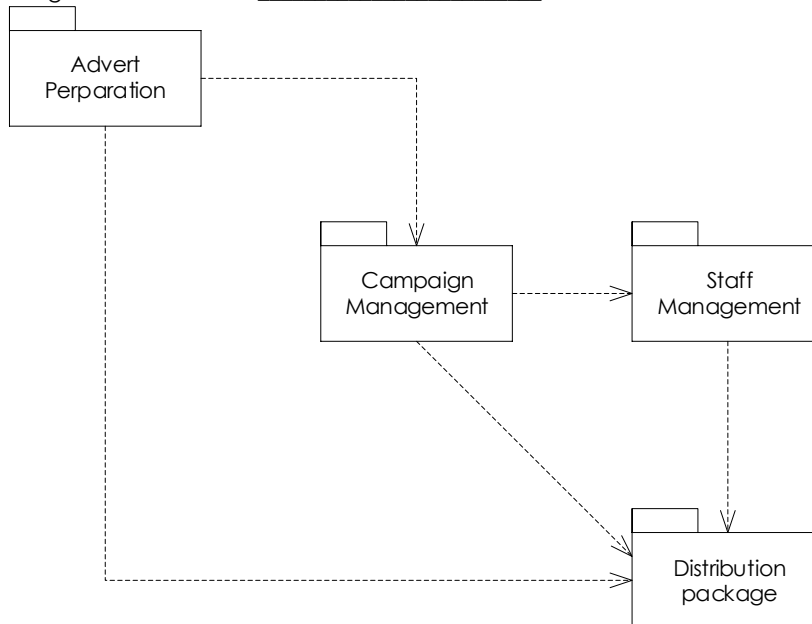
Q23. The diagram below shows _____



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

Answer: B

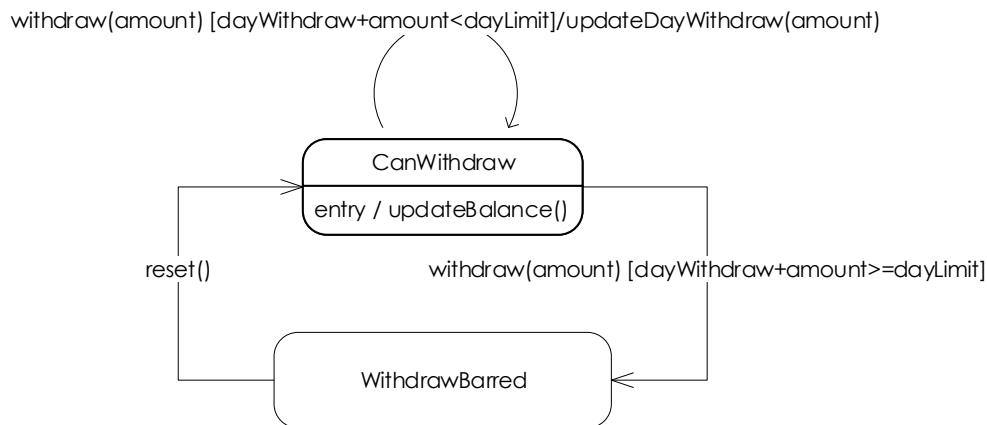
Q24. The diagram below shows _____



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

Answer: A

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

Answer: D

Q26. _____ is a state with internal activity.

A. CanWithdraw

B. updateBalance()

C. withdraw(amount)

D. reset()

Answer: B

Q27. reset() is _____

A. an event

B. an action

C. a state

D. a guard condition

Answer: A

Q29. dayWithdraw+amount>=dayLimit is _____

A. an event

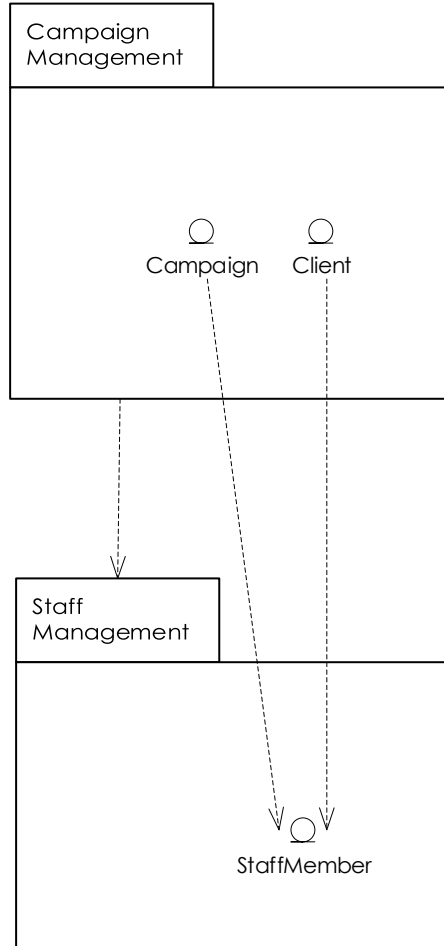
B. an action

C. A state

D. a guard condition

Answer: D

Q30. The diagram below shows _____.



A. dependency among packages

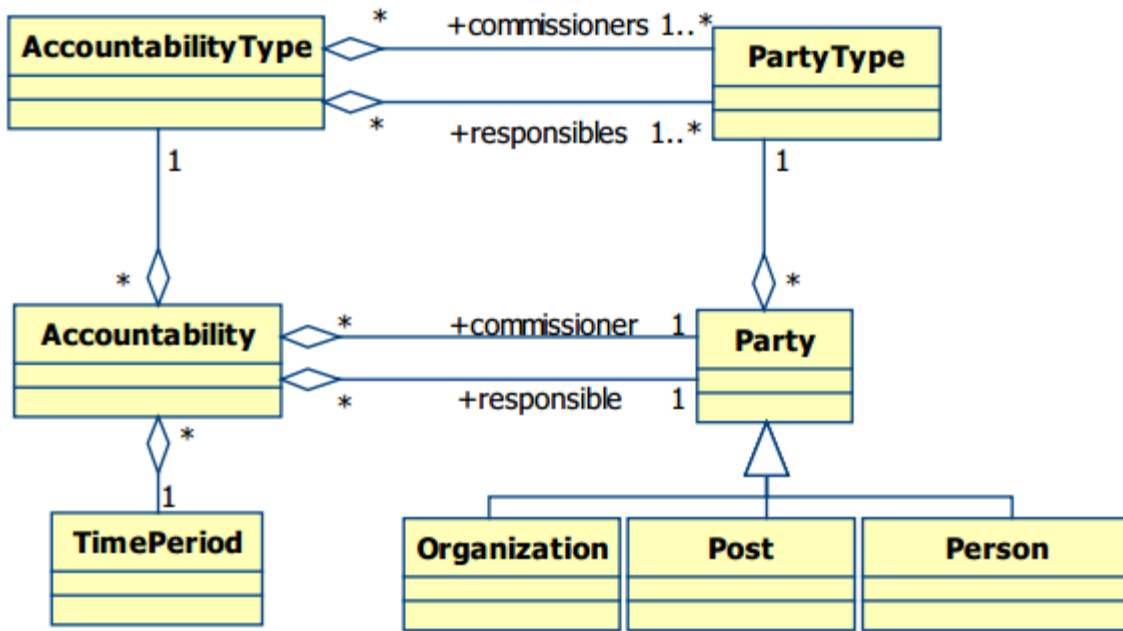
B. dependency among packages and among objects within packages

C. initial system architecture

D. Class dependency

Answer: B

Q31. Look at the diagram

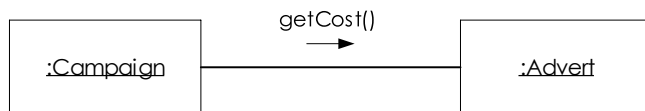


The diagram shows _____.

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

Answer: A

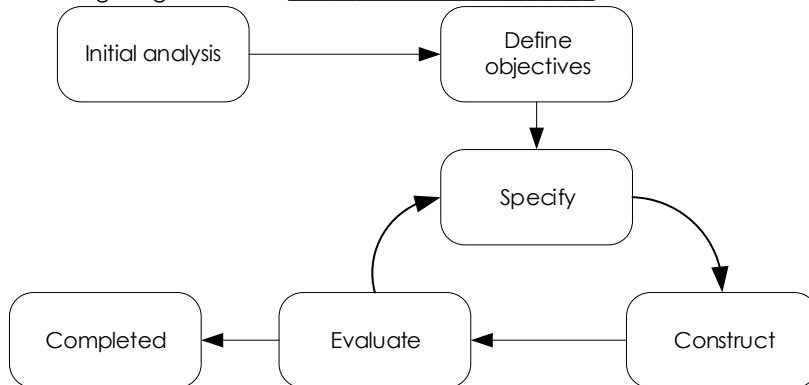
Q32. The diagram below shows _____.



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

Answer: B

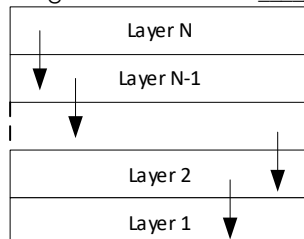
Q33. The following diagram shows _____.



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

Answer: A

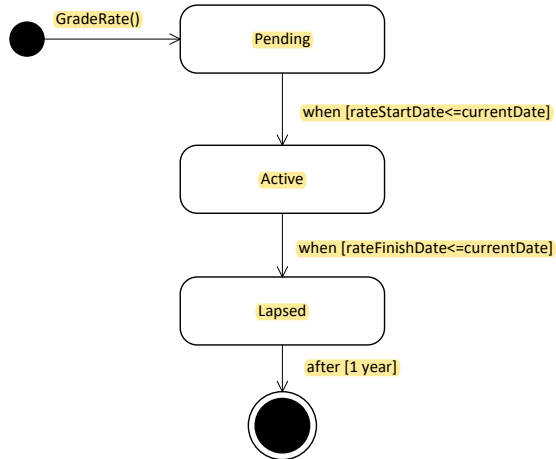
Q34. The diagram below shows _____.



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

Answer: C

Q9. Look at the following state chart.

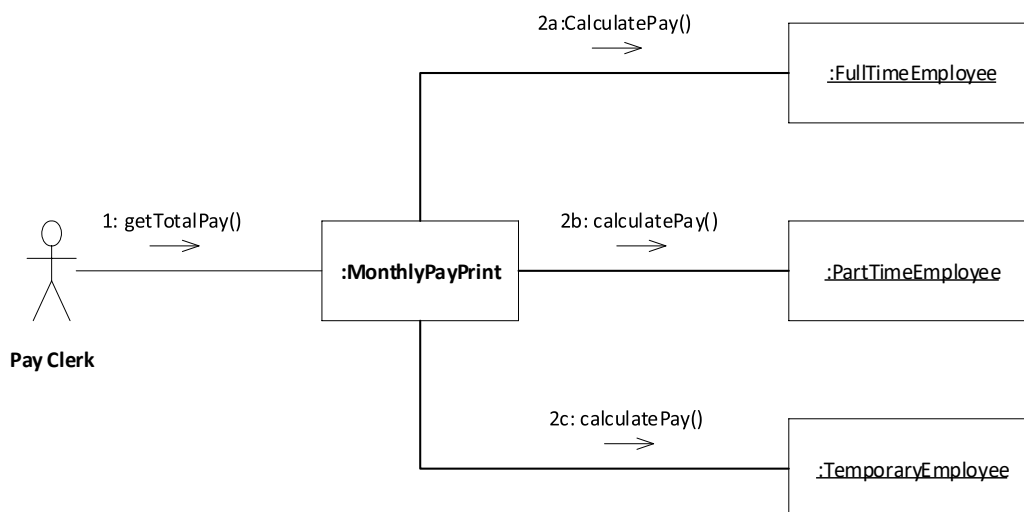


In the above state chart, which one is change event?

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

Answer: B

Q1. The communication diagram below shows the same message on object of different type cause objects to objects to behave in class-specific manner.

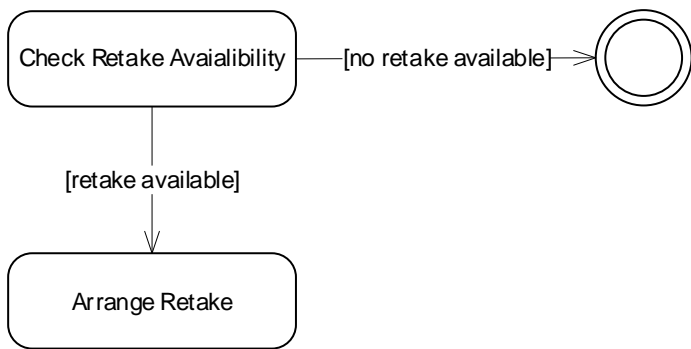


This feature in Object-Oriented is

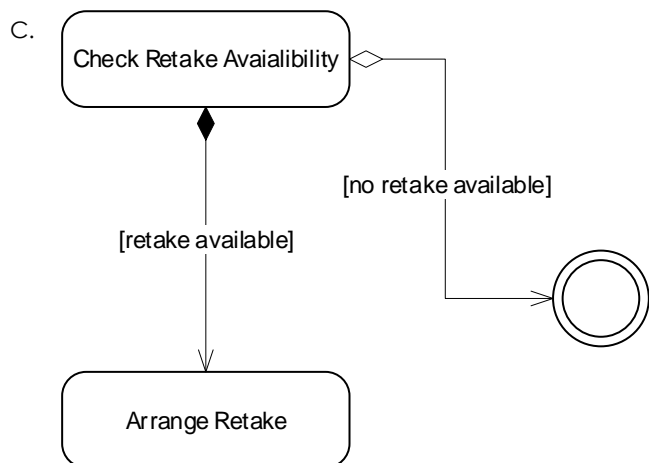
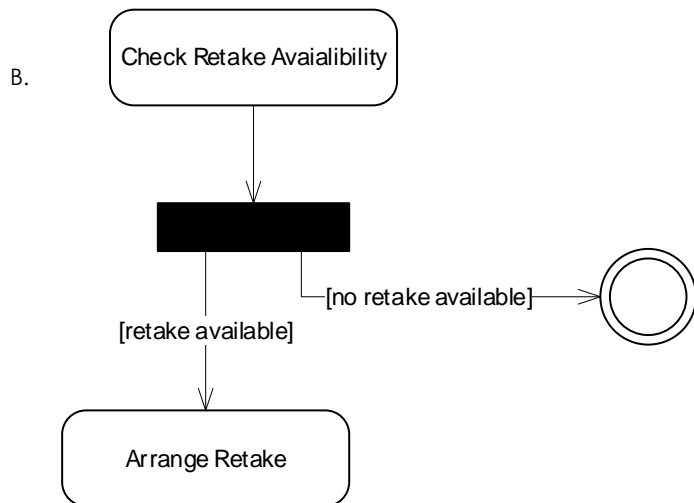
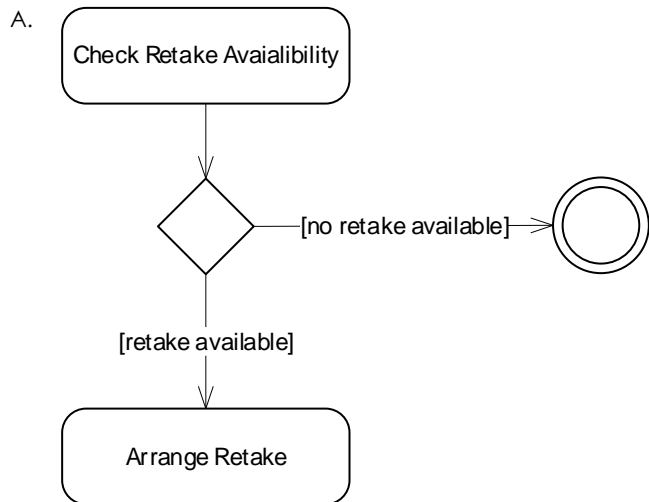
- A. Inheritance
B. Polymorphism
C. Encapsulation
D. Data hiding

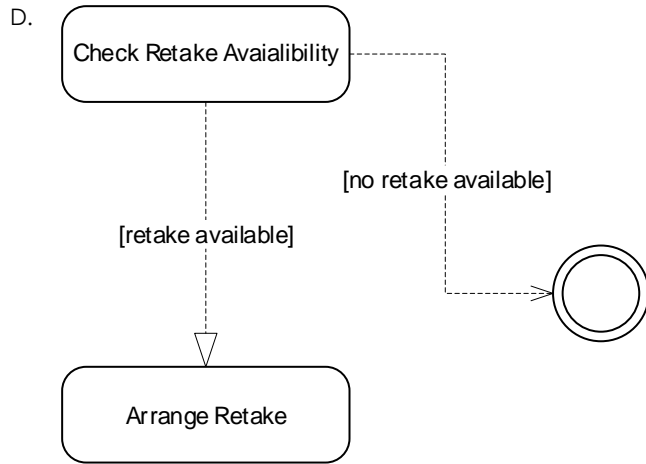
Answer: B

Q2. Look at the following activity

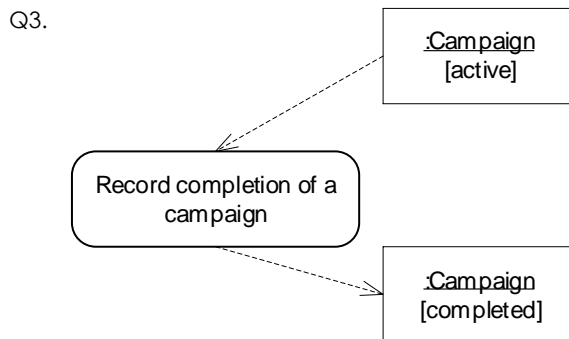


Which one is alternative representation of the above?





Answer: A



The diagram above is

- A. Activity diagram with object flows
- B. Activity diagram with object split
- C. Activity diagram with decision node
- D. Activity diagram with transition

Answer: A