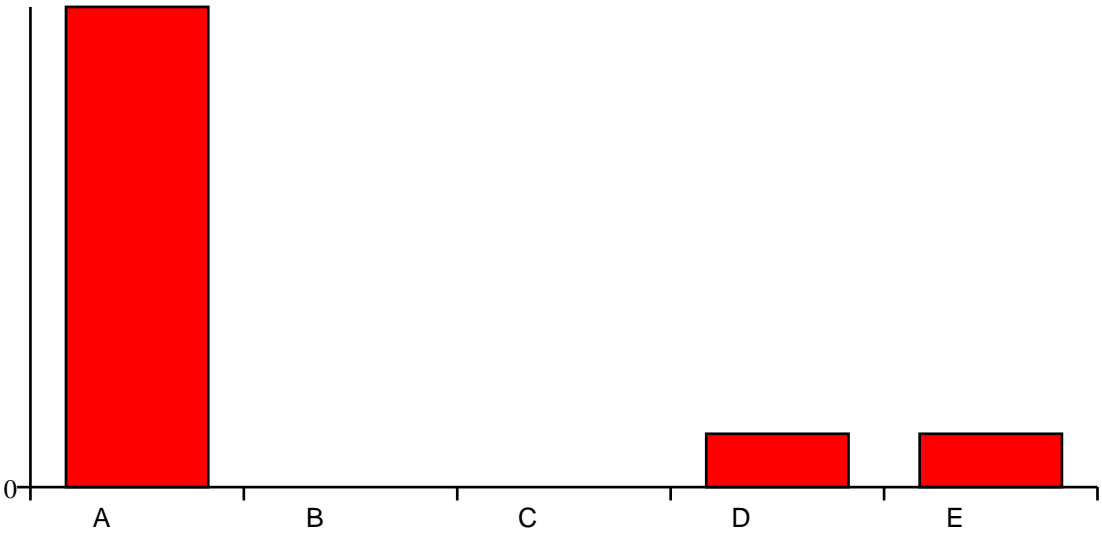
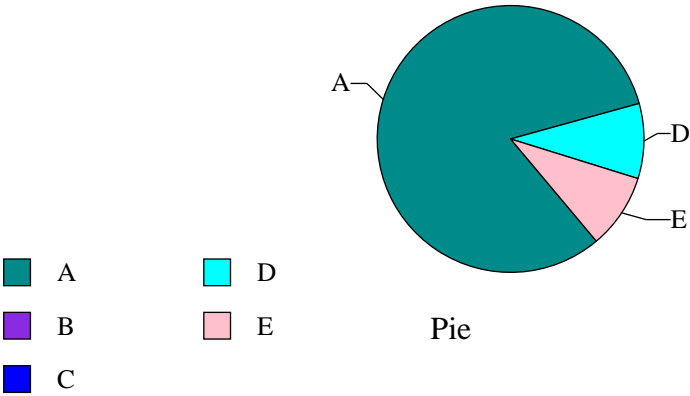


Question : A class diagram shows view of a system

A:static - 9
B:interaction - 0
C:dynamic - 0
D:practical - 1
E:package - 1



Question : How do you model the following situation A doctor treats multiple patients a patient can be treated by multiple doctors Info of which doctor has treated which patient can be multiple times the date and diagnosis are stored

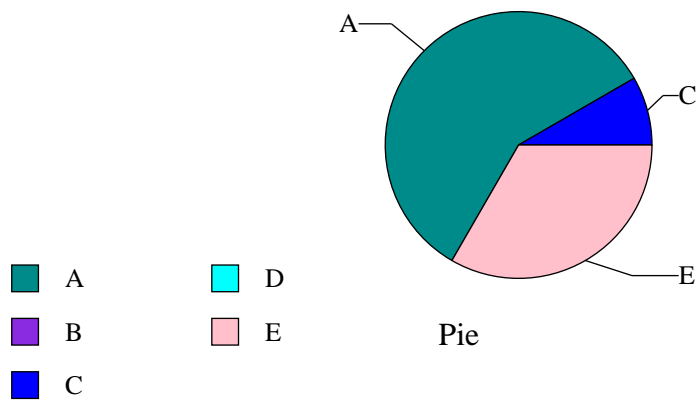
A:DoctorTreatmentPatient treatment info stored in Treatment - 7

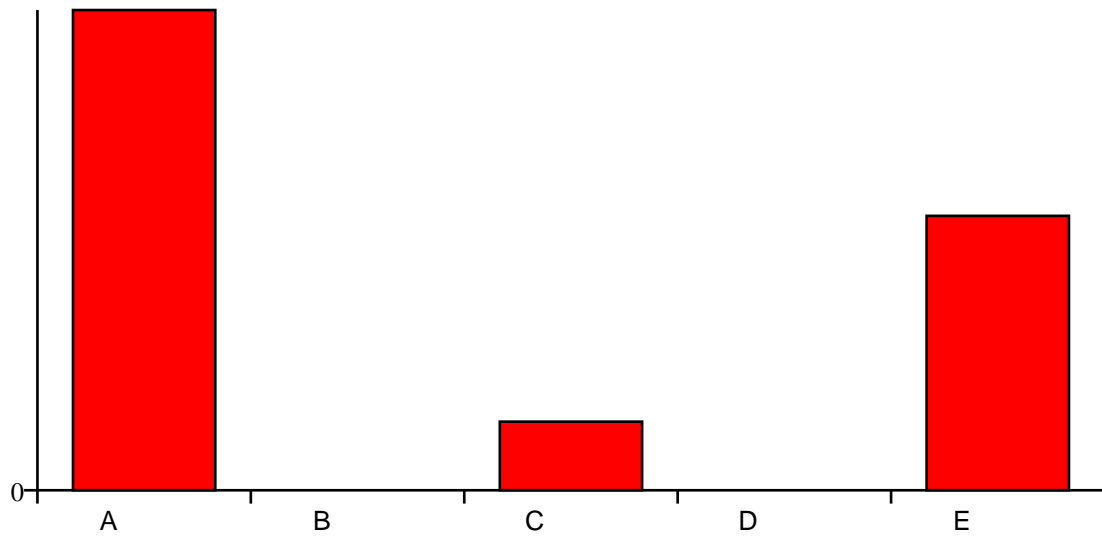
B:DoctorTreatmentPatient treatment info stored in Doctor - 0

C:DoctorPatient treatment info stored in Doctor - 1

D:DoctorPatient treatment info stored in Patient - 0

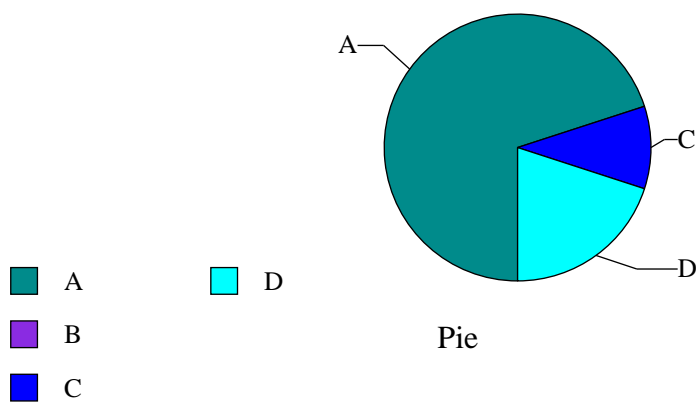
E:DoctorTreatmentPatient treatment info stored in Patient - 4

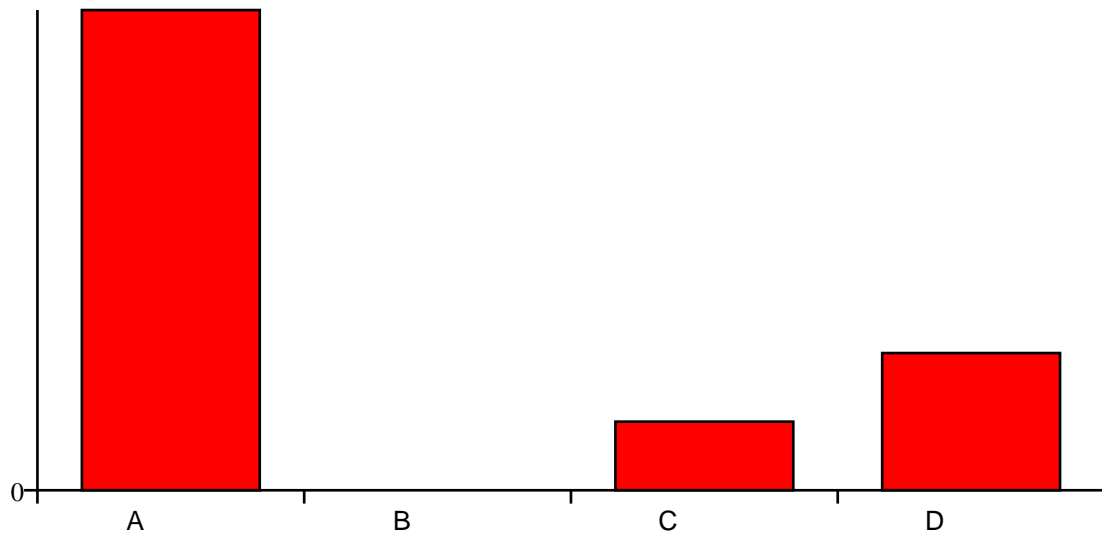




Question : Which of the following is a technique for hiding the internal implementation details of an object

- A:Encapsulation - 7
- B:Inheritance - 0
- C:All of the above - 1
- D:Polymorphism - 2





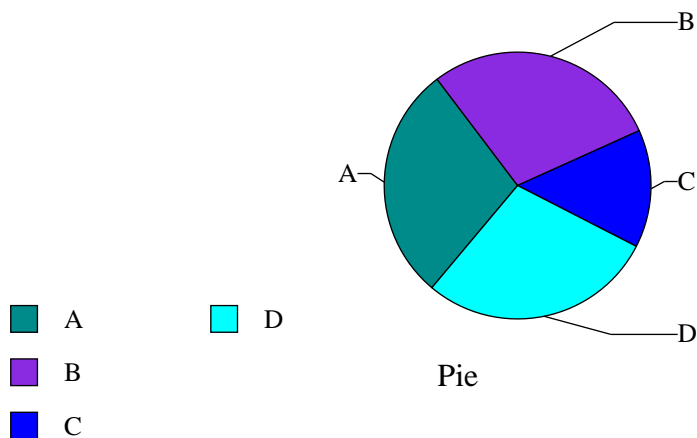
Question : Which of the following differences between class diagrams and object diagrams are true

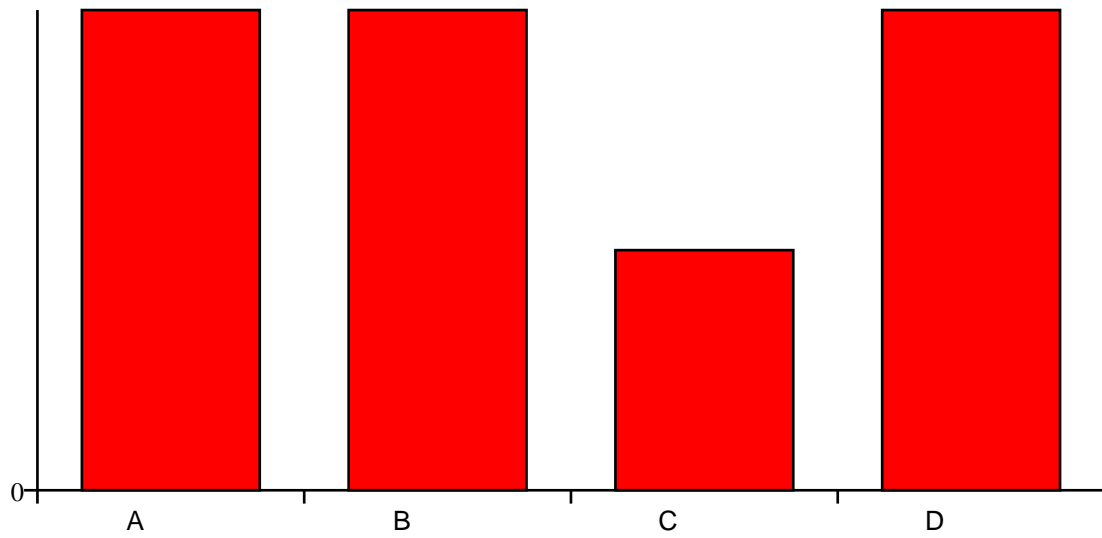
A:Class diagrams describe the structure of a system object diagrams describe the shape of a system at a certain point in time - 6

B:Class diagrams describe a system on type level, object diagrams on instance level - 6

C:Class diagrams and object diagrams use completely different notations - 3

D:Class diagrams model the structure of a system, object diagrams model the dynamic view - 6





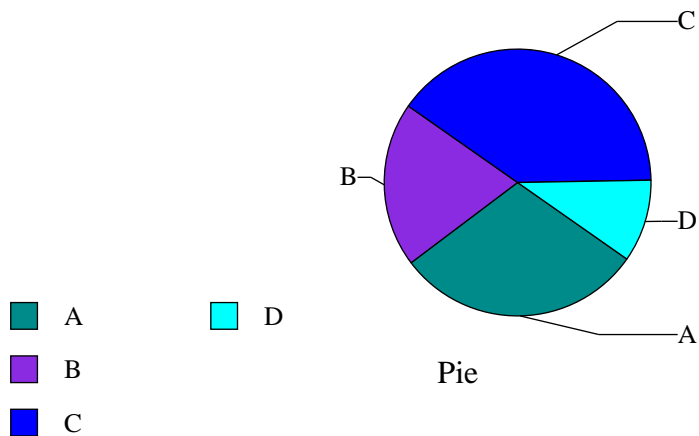
Question : Which of the following statements about compositions composite aggregations are true

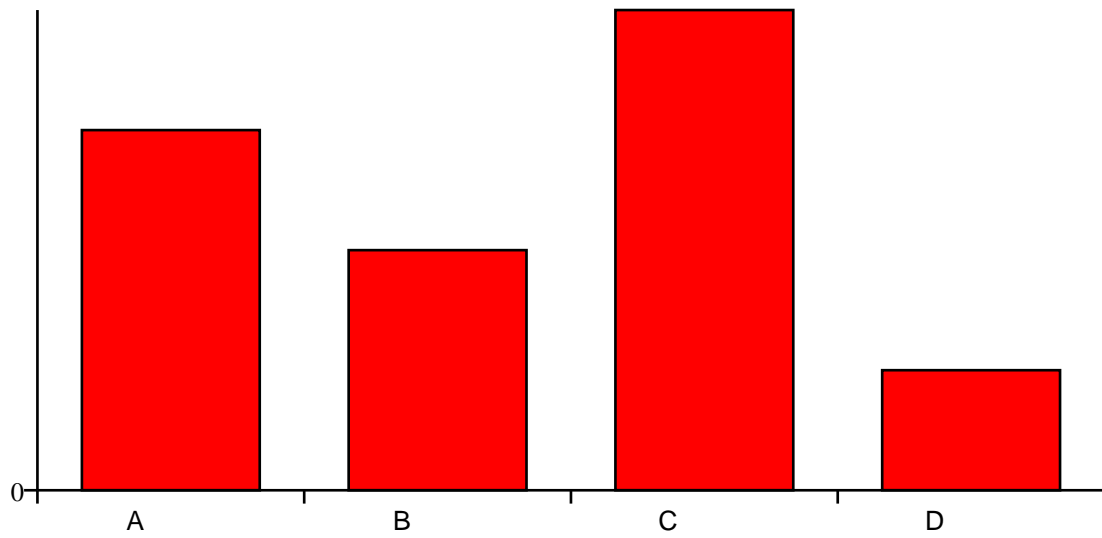
A: The multiplicity of a composite aggregation may be ≥ 1 - 3

B: In a composition, a part may belong to only one composite at a time - 2

C: When the composite element is deleted, the parts also die - 4

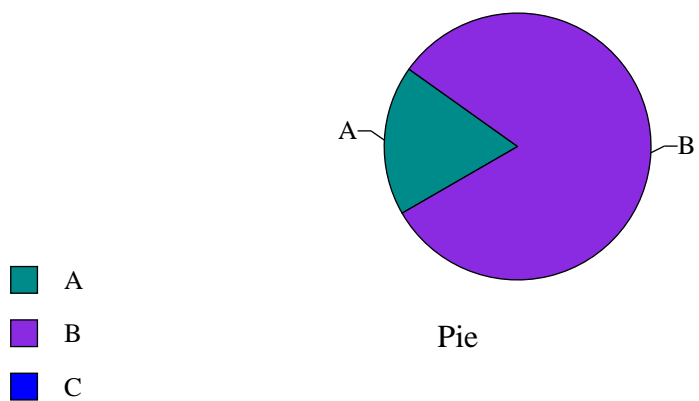
D: The composite aggregation is a transitive relationship - 1

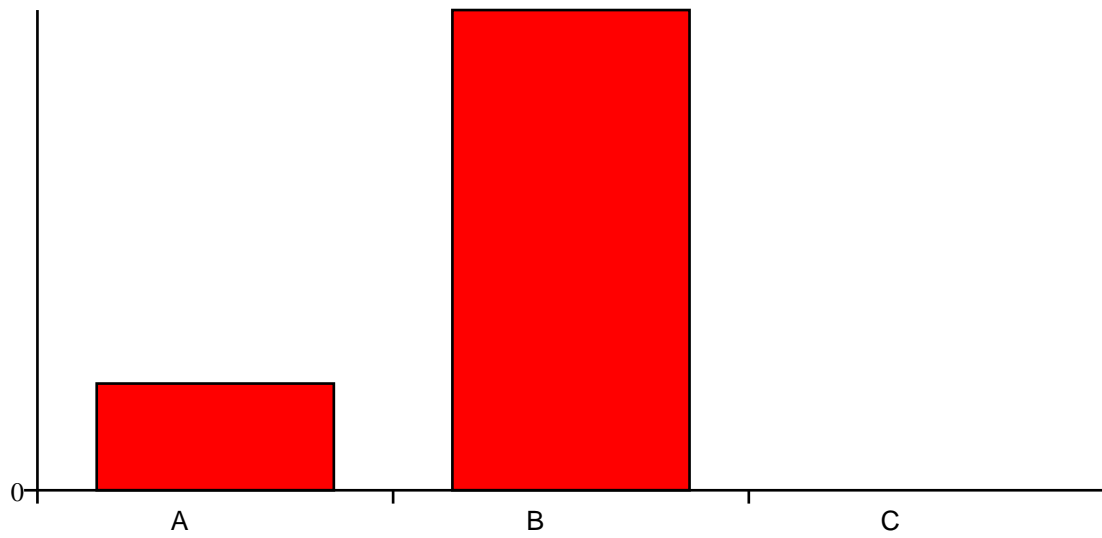




Question : An aggregation is a special

- A:,composition - 2
- B:,association - 9
- C:,generalization - 0





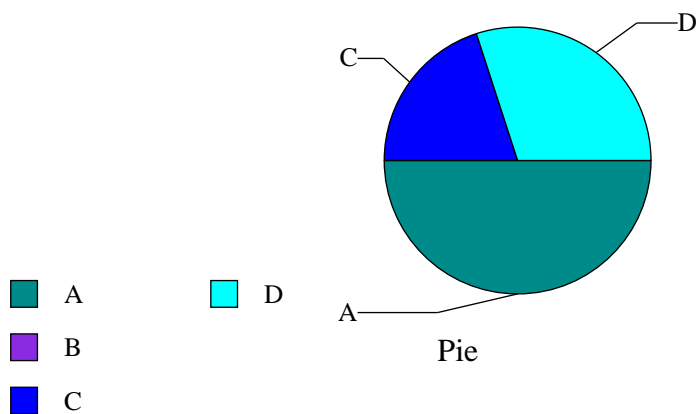
Question : Association classes are used to

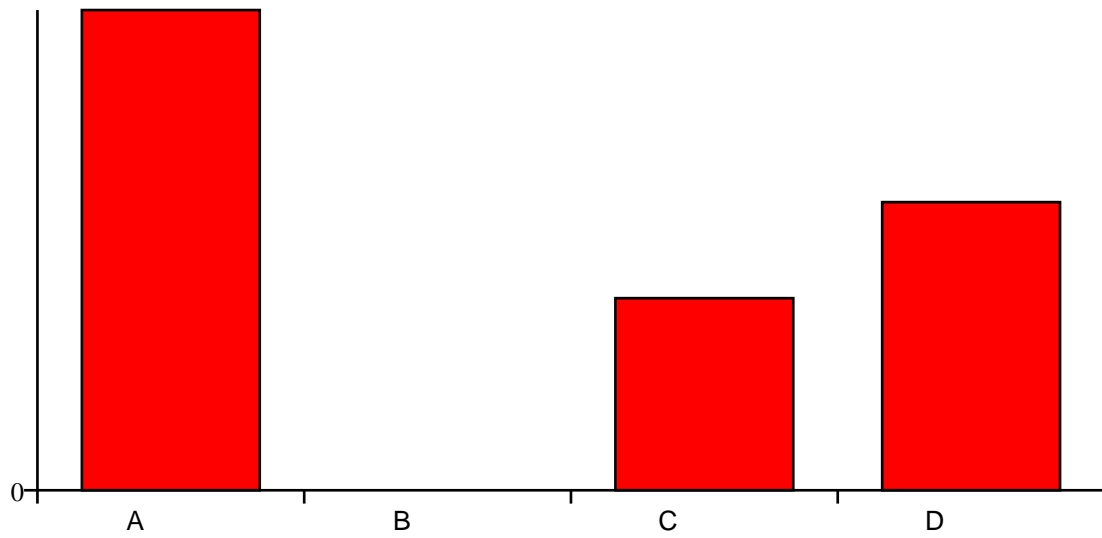
A:,Provide isa relation between classes - 5

B:,Inherit from the class on the right side of the association - 0

C:,Inherit from the class on the left side of the association - 2

D:,Encapsulate association specific attributes and operations - 3





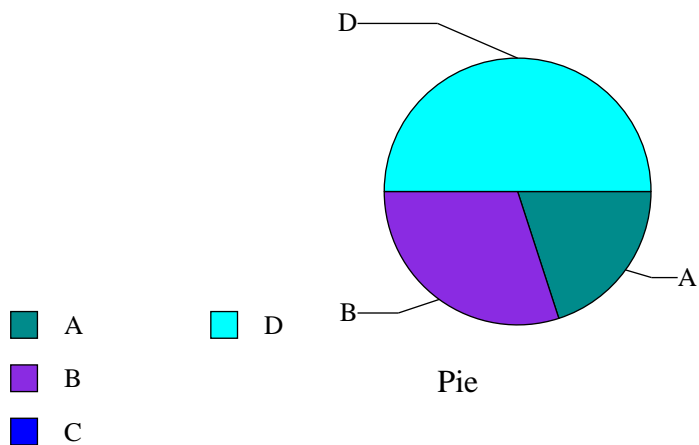
Question : In Java primitive data types

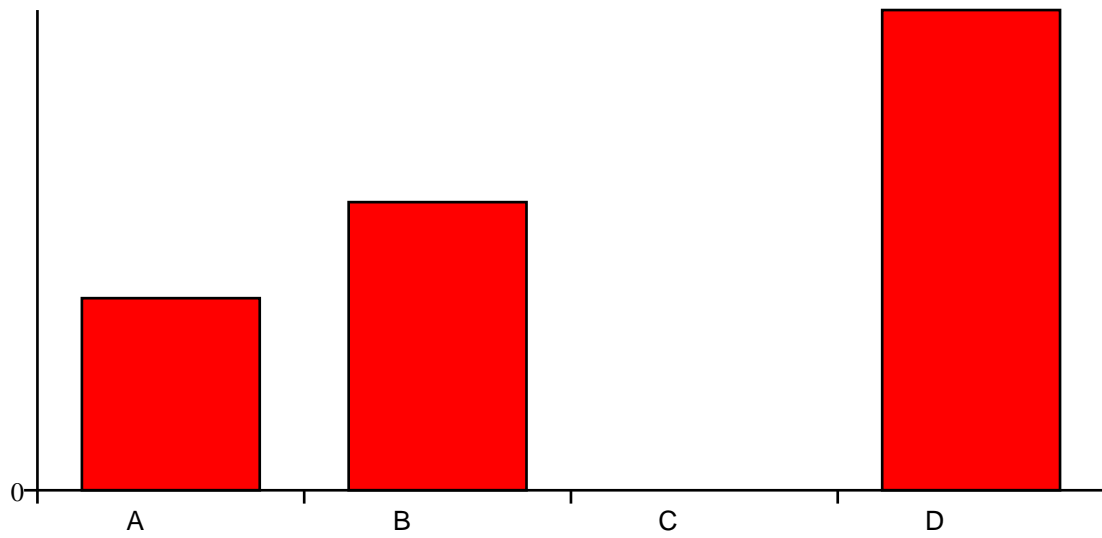
A:,have no internal structure - 2

B:,are synonyms for classes - 3

C:,cannot have operations - 0

D:,can only be defined as static variables - 5





Question : What is a synonym for strong aggregation

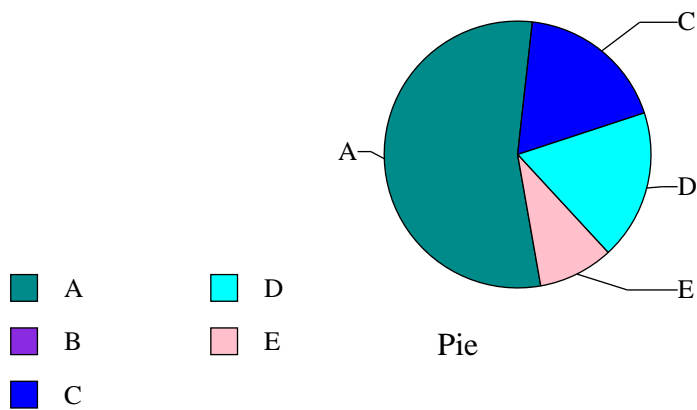
A:composition - 6

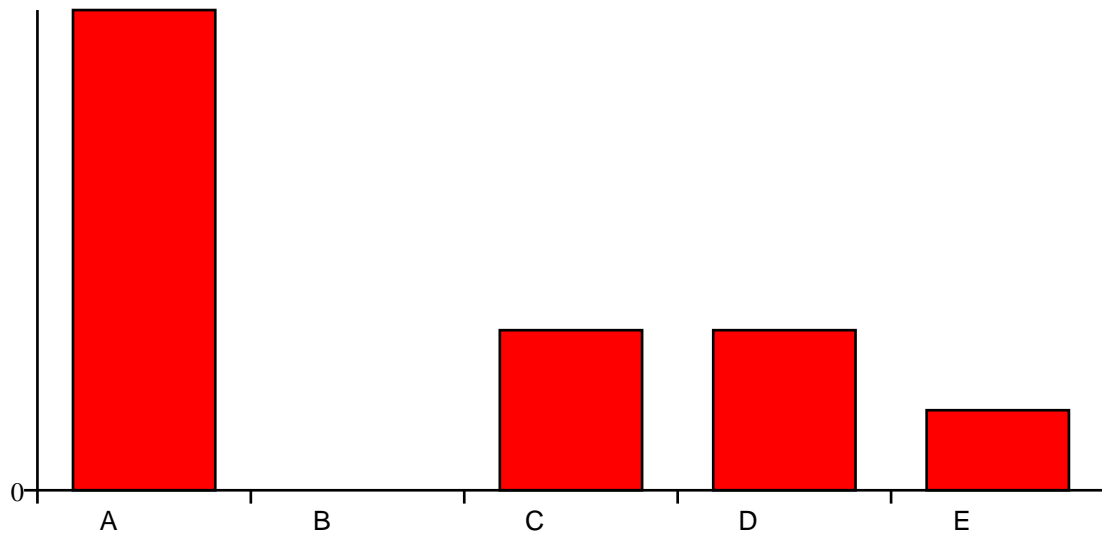
B:transivity - 0

C:association - 2

D:generalization - 2

E:asymmetry - 1





Question : How do you model the following situation with a UML class diagram A season worker may be employed in one or several seasons the beginning and the end of each employment period is saved

A:association class - 4
 B:binary relationship - 1
 C:ternary relationship - 2
 D:class attributes - 3

