

ABSTRACTION in Java.

Data abstraction is the property by virtue of which only the essential details are displayed to the user.

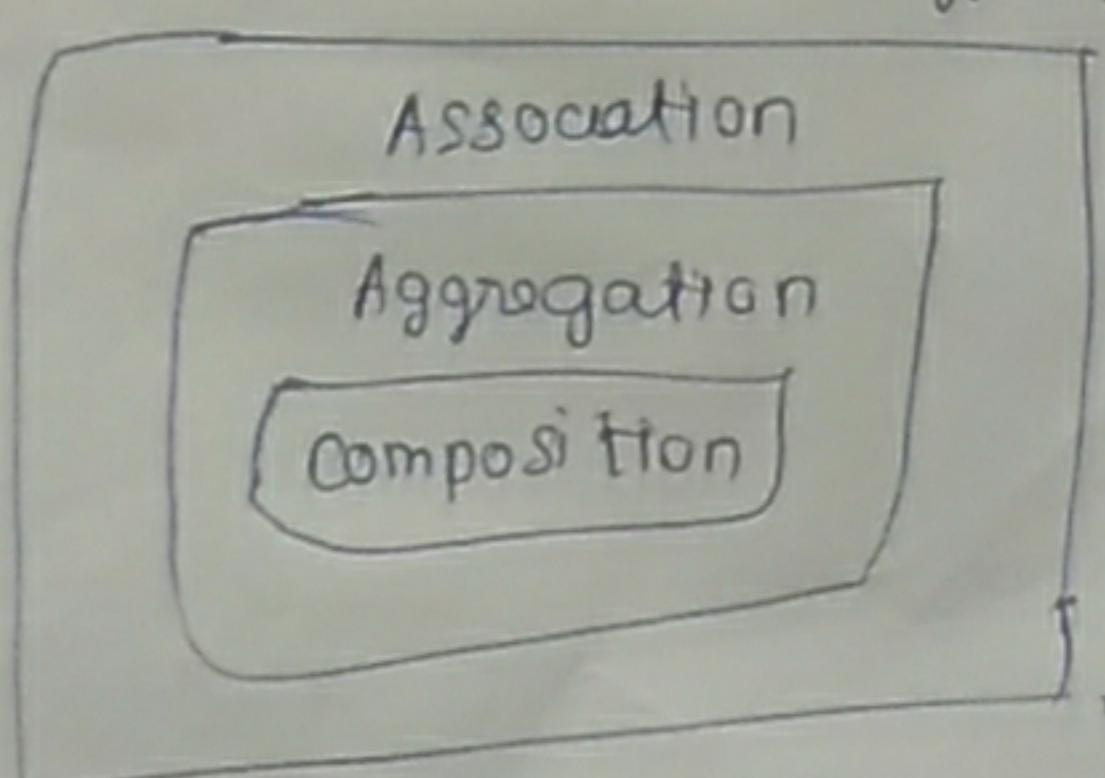
⑤ Encapsulation vs Data Abstraction.

- 1) Encapsulation & data hiding while Abstraction & detail hiding.
- 2) While Encapsulation groups together data and methods that act upon the data. Data abstraction deals with exposing the interface to the user and hiding the details of implementation.

Advantage :

- 1) It reduces the complexity of viewing the things
- 2) Avoid code duplication and increases reusability

Association , composition and Aggregation in Java



Access and Non Access Modifiers in Java.

Java provides a rich set of modifiers -

Access modifiers -

public , private , ~~protected~~ ,

Non Access modifiers .

In Java , we have 7 non access modifiers .

- * static
- * final
- * abstract
- * synchronized
- * transient
- * volatile
- * native

abstract keyword in Java,

abstract a non-access modifier in Java appcat