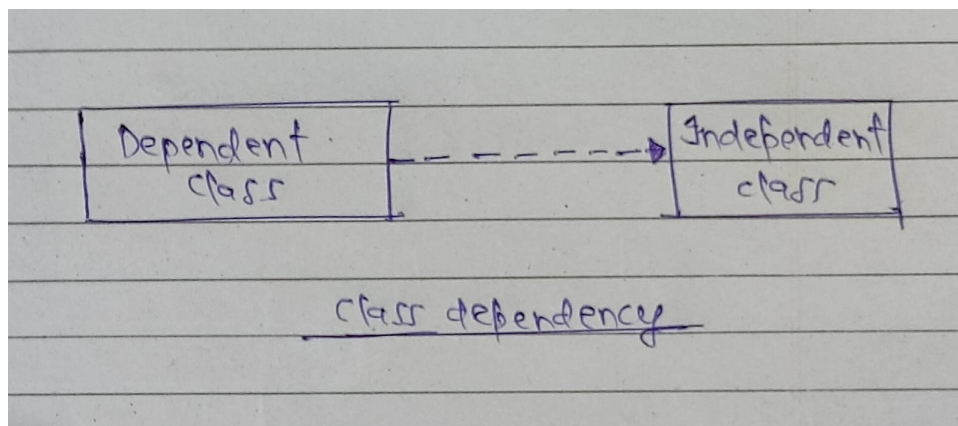# 8/09/2023 Objects and Classes

Class Dependency

- Dependent class (D) depends on other class called Independent class (I).

- Whenever there is change in independent class, then dependent class will always be affected.

Using Relationship

- Association ⇒ peer to peer relationship

  Using ⇒ one-way relationship

- Refinement of association.

- Indicating client and supplier relationship.

Instantiation

Genericity:

- Generic class or parametrized class ⇒ Is one that serves as a template for other classes.

- Example:

  - Stack class is a generic class;

- Integer stack, float stack or bool stack are its instances.

Meta-class:

- Is only for implementation point of view

- Implementation of genericity.

Fitness of purpose :

- Software is good but if it is not fulfilling the need of the customer or client, then it is not good.

Value of the application :

- How much customer is willing to pay to buy or use that application.