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## INTERFACE:

• Interface in Java is a blue print of a class.

, SYNTAX

Interface Interface name

{

Method / variable declaration

}

- contains final static variable by default.

- contains abstract methods

- method is interface are public by default.

- Interface support functionality multiple inheritance

• To inherit from class - class we are extend

• To inherit from interface - interface we are extend

• To inherit from interface - class we are implements

## ⑤ Hybrid inheritance :

we can achieve hybrid inheritance in Java is a combina

tion of two or more types of inheritance

- single / multiple / hierarchical / hybrid inheritance.

## ENCAPSULATION :

→ data hiding Complete

→ binding of data (var & meth) in class into single unit

## Adv'in

① To declare var as private

② view & modify var value through public  
getter & setter method

## Advantage :

① increase data security

② increase readability & flexibility

③ reusable code



eg: class Encap {

private string name;

private string designation;

right to → so we → private get & set

public {

obj creation

Encap e = new Encap();

e.set Name("manu");

e.set Desig("Developer");

sysout(e.getName());

sysout(e.getDesignation());

}

Q Account class.

Acno

name

email

Amount

declaration of do encapsulation

Pgm