## 3 Encapsulation

Les binding all the data members and functions together in a class.

-> weapping everything inside class.

9 Abstraction

Les hiding all the unneccasary détails and showing only the required part Abstract class -> Interface

Access Modifiers/Specifiers

ks specifier access/permission

- 1) Public
- 2) Protected
- 3 Default
- 4) Paivate

Package Class Poblic Protected Default Paivate Abstocact and interpaces classes Abstract method & don't have body. / definition Syntax abstract void som (inta, intb);

Any class having I can more abstract method need to be made abstract;

> Con create reference voriable

Static abstract methods X

static methods / variables

normal methods

constructors (super())

alistract constructor X

Sincl alistract class X

multiple inheritance X

Intenface () multiple inheritance Ls achiving abstraction class => extends Syntax interface Vehicle { > implements int get Speed (); = Every method is abstract and public -> Cont create object. Only reference can be created data members (variables will be - static ginal hublic - multiple intresitance Class Interface implements extends implements Interface Class

<u>C1455</u>

int speed();

int speed();

int speed()?

cospeed()?

cospeed();

autum 20;