Abstract classes

⌐→ <u>Abstract method</u>

⌐→ don't have a body / definition

syntax

abstract void som(int a, int b);

Any class having 1 or more abstract method
need to be made abstract.

→ Can not create object

→ Create reference Variable.

static abstract methods	✗
static methods / variables	✓
normal method	✓
constructor super()	✓
final abstract class / method	✗
multiple inheritance	✗

Interfaces

- → multiple inheritence
- → achiving abstraction

syntax

```
interface Vehicle {
    int getSpeed();
}
```

→ every method is abstract and public

→ can't create object, but can create reference variable

→ no constructor

→ data members / variables → static public final

→ multiple inheritence

Class
- implements → Interface
- extends → Class

Interface
- implements → Class
- extends → Interface

Interface

get speed( )

accelerate() ↑ speed

brake()

Vehicle

A
get speed( )

B
get speed( )

C