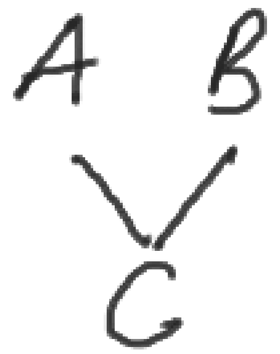
Interface :- almost Similar to abstract class :

→ multiple Inheritance ✓

→ Single Level ✓

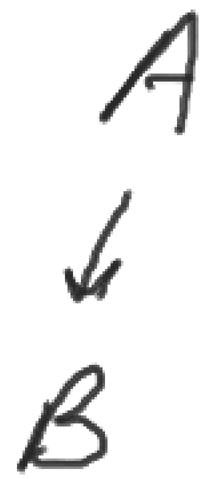
→ MultiLevel

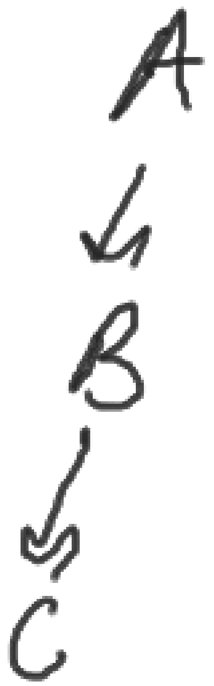
→ Multiple -

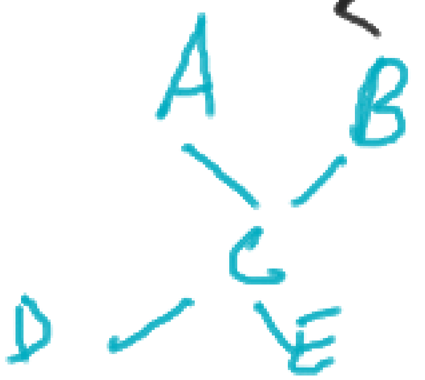


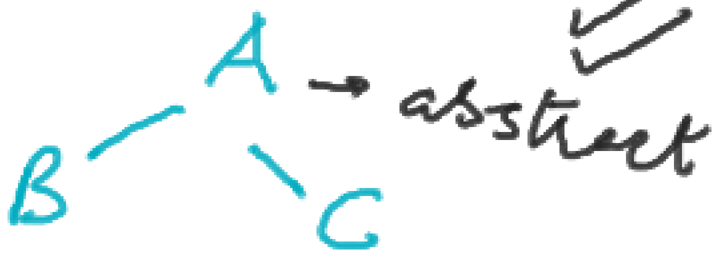
→ Hybrid

→ Hierarchical ✓









Non-abstracts

```
Class A {
int a; 10

}

Class B {
int a; 20
int b;

}
```

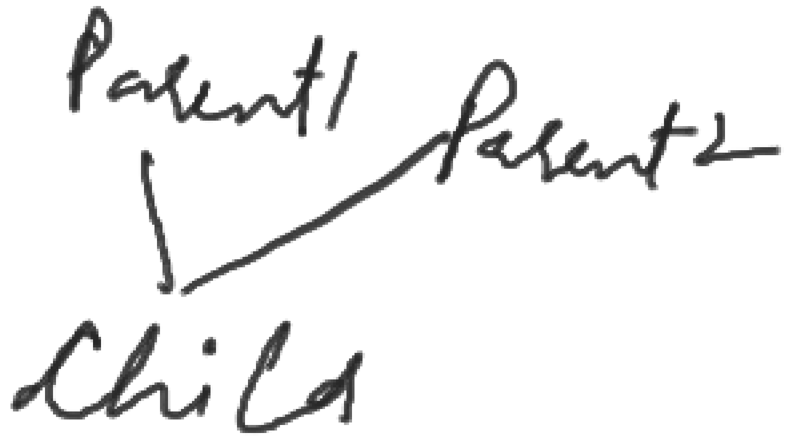
```
class C extends A, B {

}
```

X

a 10   a 20

Multiple Inheritance can't achievable without interfaces.



Interface :-

JDK 1.7 | 1.8

→ variables/fields/properties

by default "static final'

→ Can't create object

interface I, {

↓

keyword

→ all the methods should be abstracted

→ There is no need to use 'abstract' keyword

}

Can't create object

abstract class A {

}

N.S variable

final int a; → one time in constructor we can assign the value

double PI = 3.14;

static final int b = 10.0;

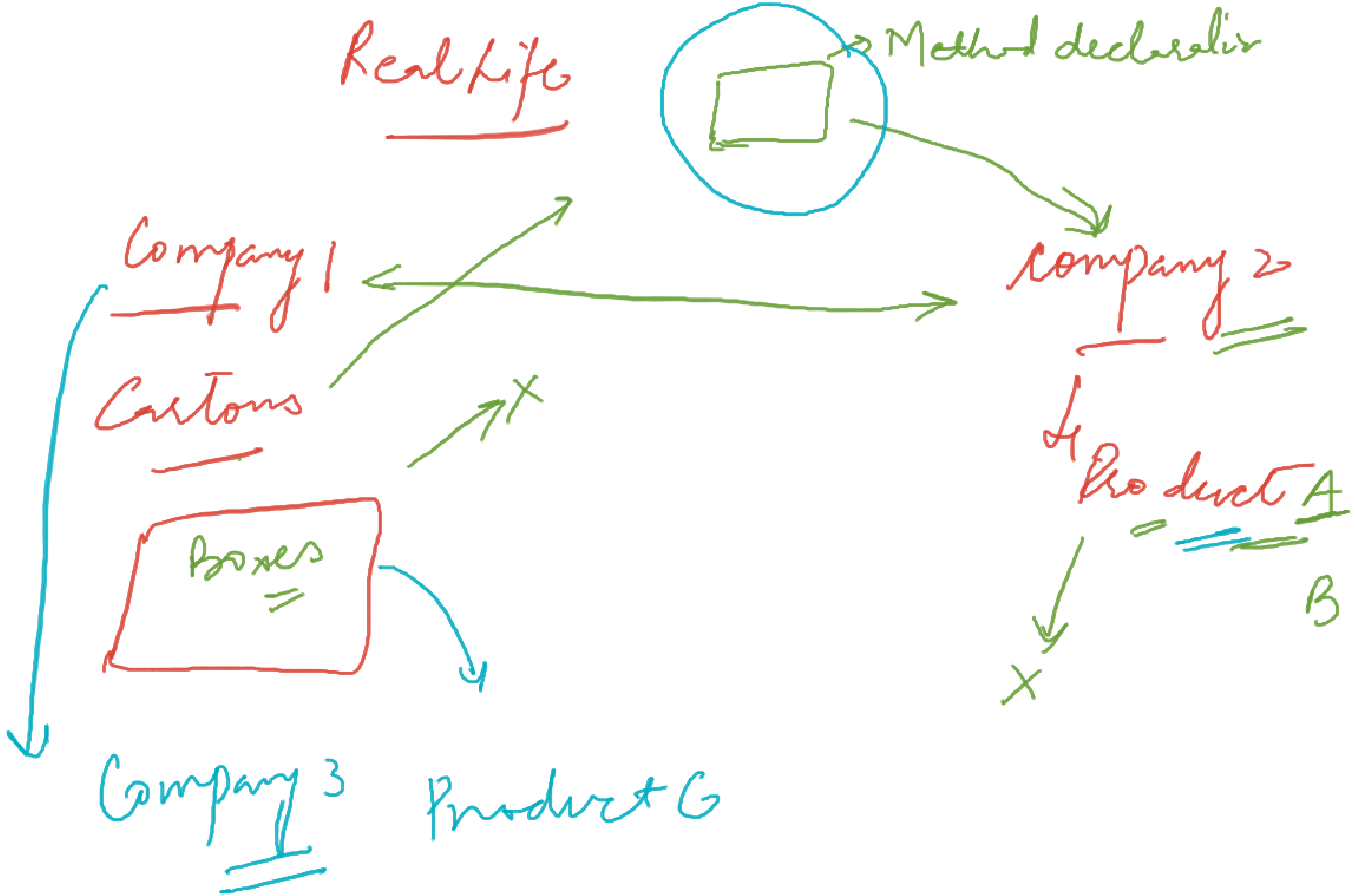
CONSTANT

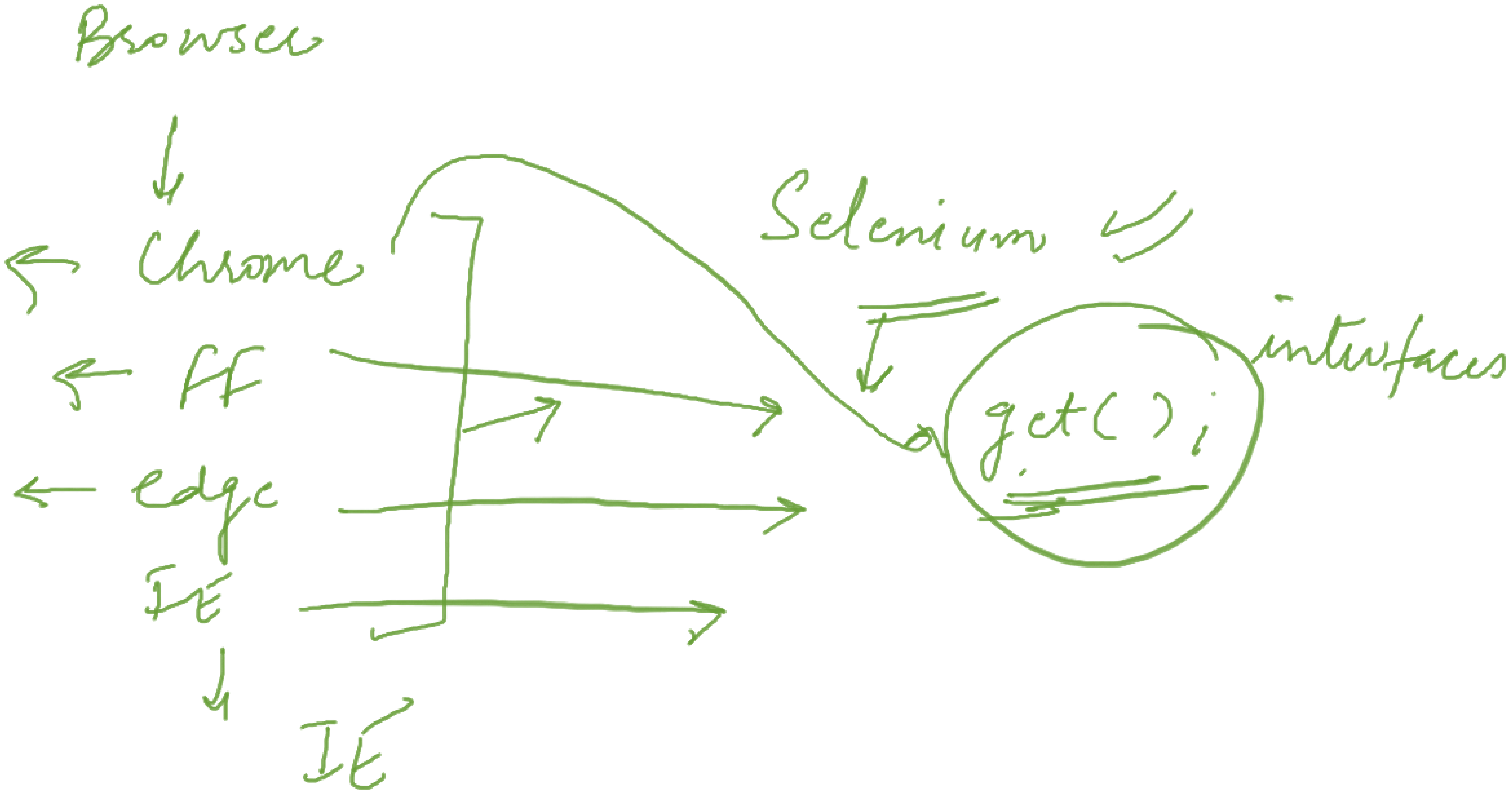
initialization is mandatory

class extends class

class implements interface

interface extends interface


Real Life
Method declaration
Company 1
Cartons
X
Boxes
Company 2
Product A
B
X
Company 3
Product G


Browser
Chrome
FF
edge
IE
IE
Selenium
interfaces
get();