

Abstraction →

What? → Hide the inner implementation

Why? → To reduce the complexity

When to use? - When multiple classes having
similar properties.

RealLife Example:

properties
variable

Actions /
method

Admin

name

colg_name

emp_id

dep.

tax Cal

Teacher

name

emp_id
t_id

dep.

Salary

Salary

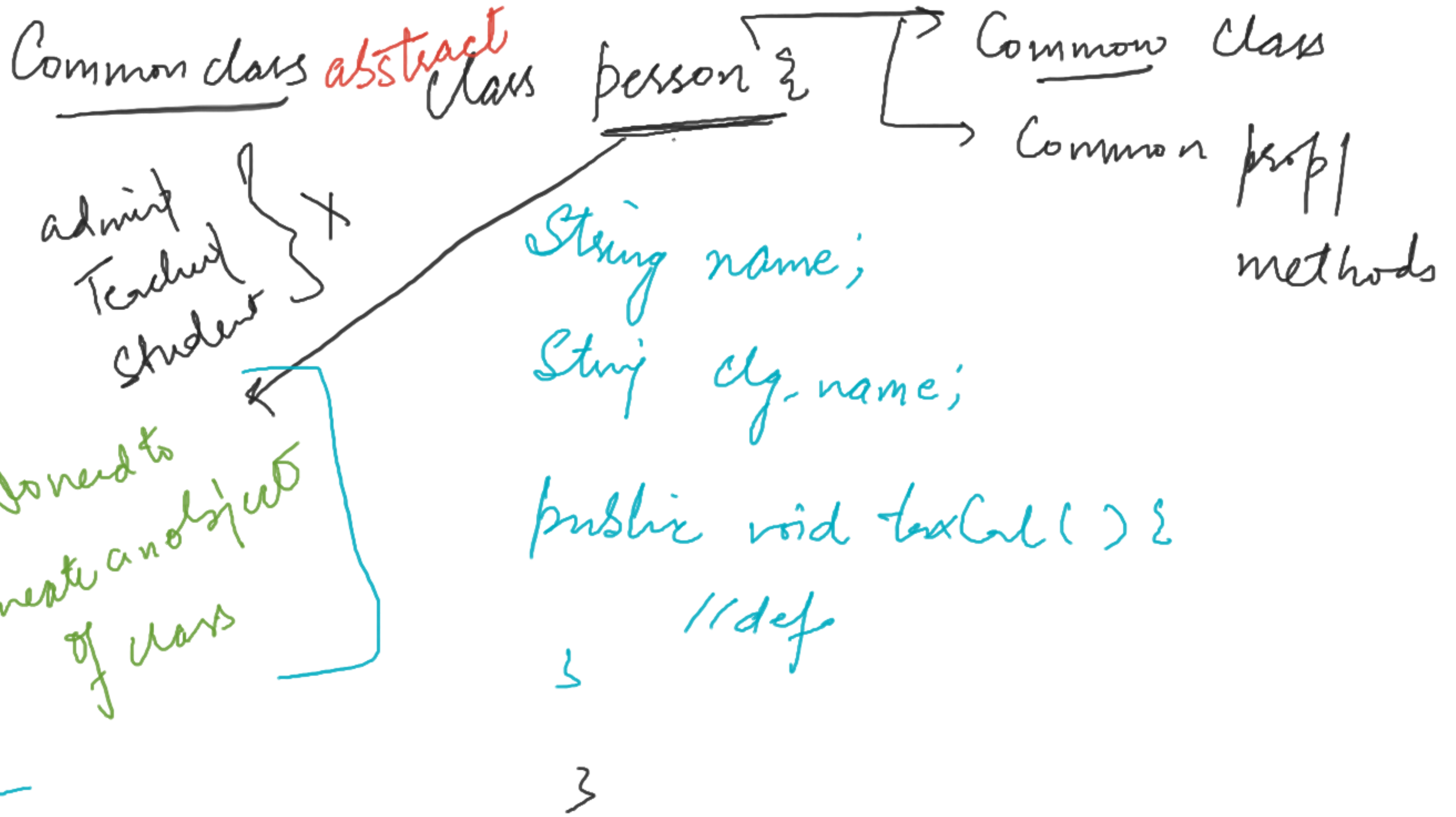
Student

name

s_id/
RollNo.

x

fes.



What is Abstract Class?

- Is a class which can't be instantiated (can't create an object of class)
- By using 'abstract' keyword in front of class, can make the class abstract.
- Abstract class may contains abstract as well as Non-Abstract methods.

→ Abstract method → method which is having only declaration not method definition.

Abstraction
+
interfaces

public void m1(); // Declaration

public void m2() {

// Method
Definition

}

m2();

// method calls

→ How to make the method abstract?

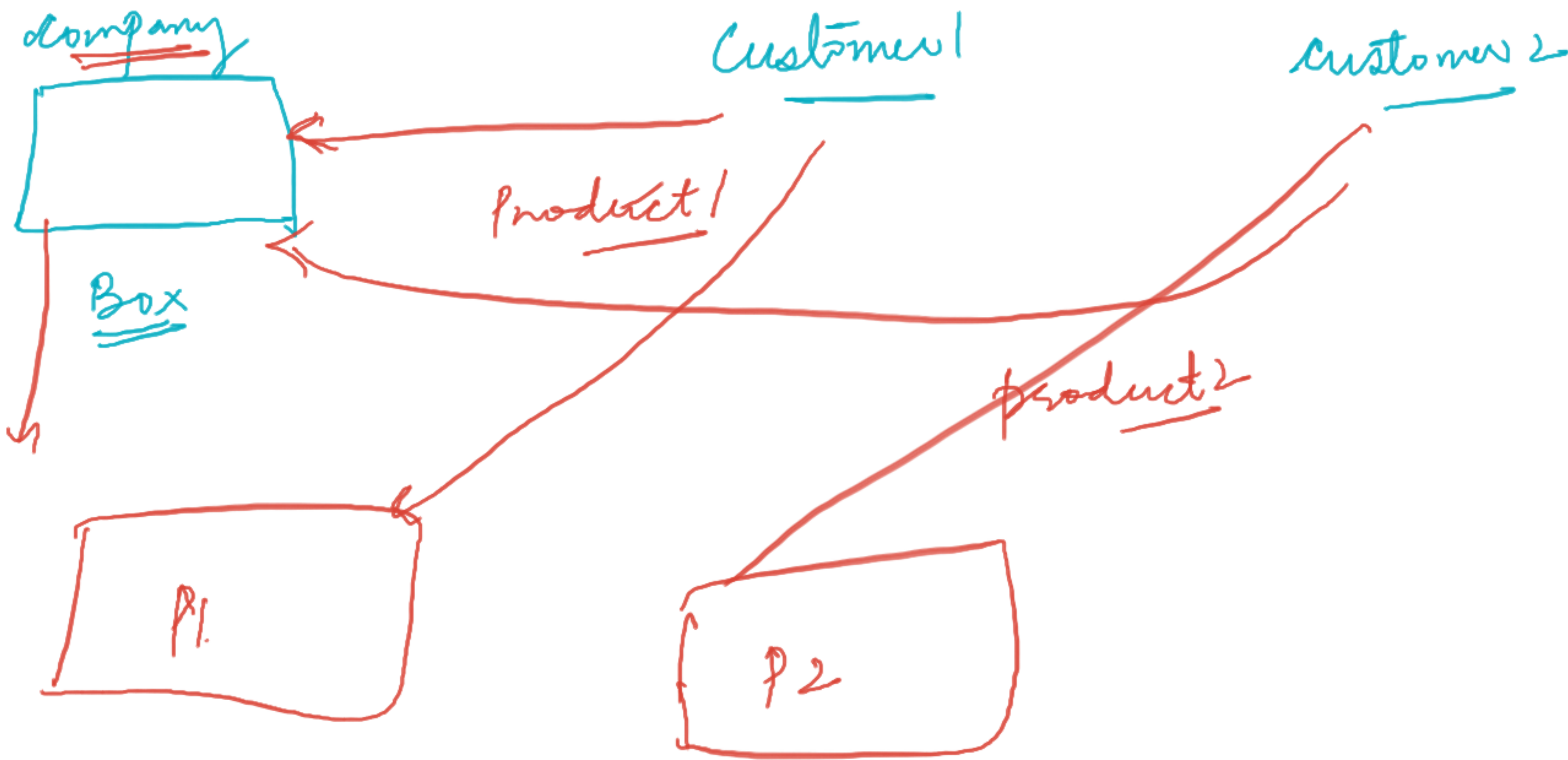
→ By using 'abstract' keyword in front of method like:

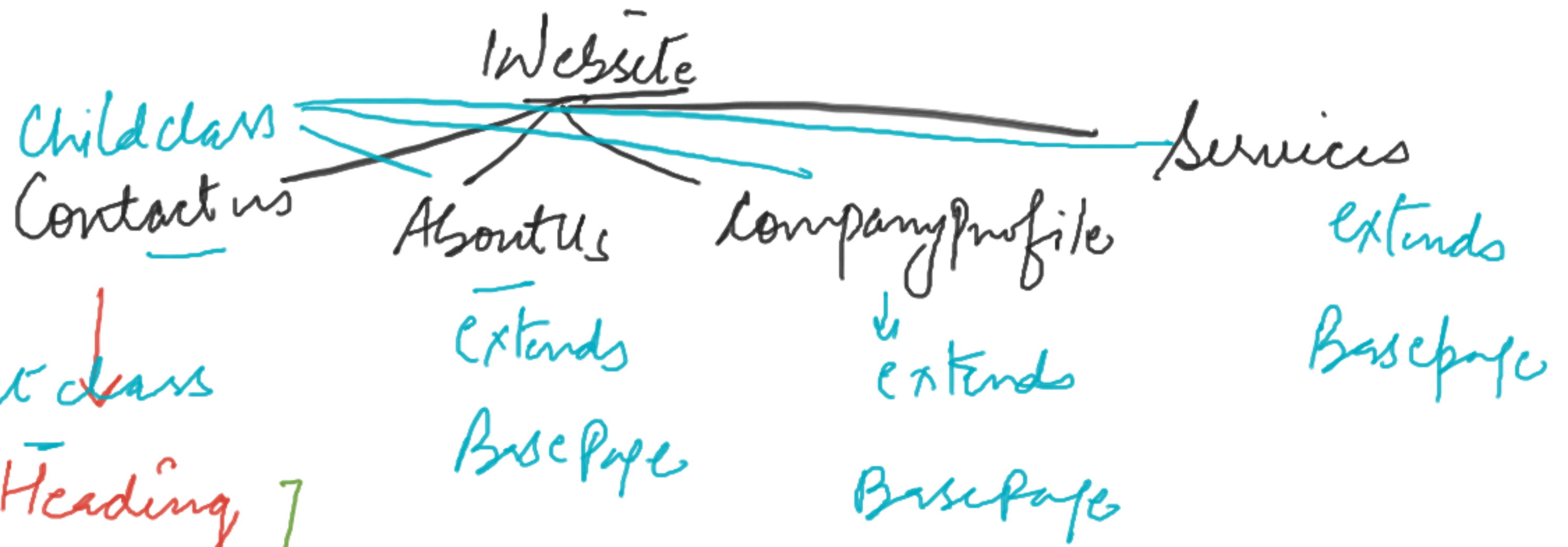
Imp.

abstract public void m1();

Note.

If a class is having abstract method then that class should be abstracted one





abstract class
Base Page
Page Heading
Page Title

abstract method
content

content

"

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