10. Java Classes in Depth - Parith

Abstract Class

- (*) Class which can provide (0-100)% abstraction.
- (*) It can have method implementations as well, along with abstract me thodg.

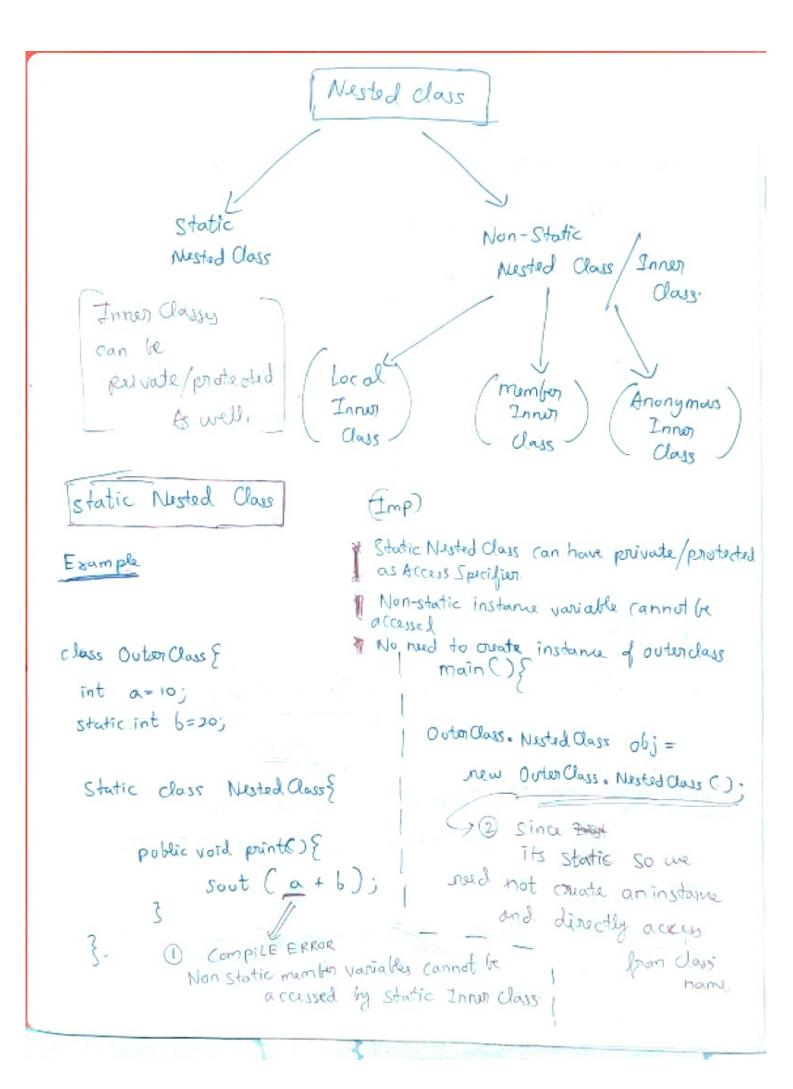
abstract class &

abstract void method ();

public void methods () { //dosomething }

Nested class of A Class within another class is called Nested When will Nested Class be used? Class.

#1 you know that a class(A) will be used only and only by one another class (B), then instead of creating a new file, why not create a class inside class (B) itself Within one class you can group logically related files class B3 Class A.F



Non-Static Nested Class or Inner Class.

(7 For this. Since the class is not a static Hock. Hence we have to initialize the Outer Class First and then initialize the Nesded times Class.

class Outer Class S

If you try

class Innurclasss

Outer Class. Inner Class obj

= new Outer Oass. Inner Clays ();

Will throw Compile ERROR.

because using className only static methods of vapid the can be accessed.

Since it a non-static innur class.

Outer Class out = new Outer Class ().

Outer Class. Inner Class in = new Outonew Inner Class ();

(V-Imp)

Local Innur Class of Innur Class is defined inside a

1) Muthod Hock @ Loop 3) IF Condition

Example

dass Outer Class }

3

public void display () { Only default access specificon is allowed

chass Local Inner Clays?

Anonymous Inner Class

An Inner class without any Name is called Anonymous Class.

Why is it used?

When we want to overnide (chaviour of an method with creating any class.

Example

public abstract dass for {

public abstract void pressbreak();
}.

main() {

Mectric- press break ();

3.