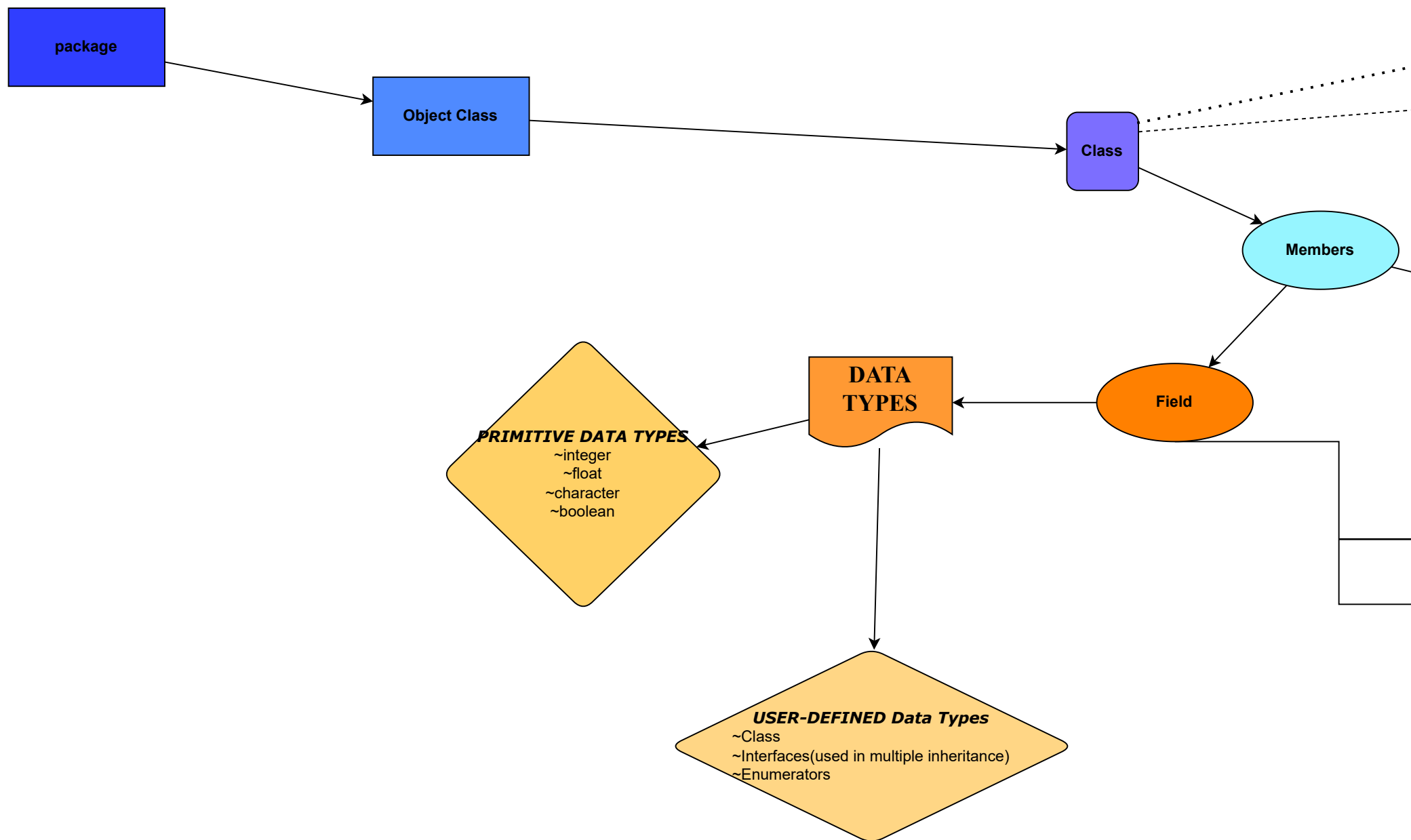
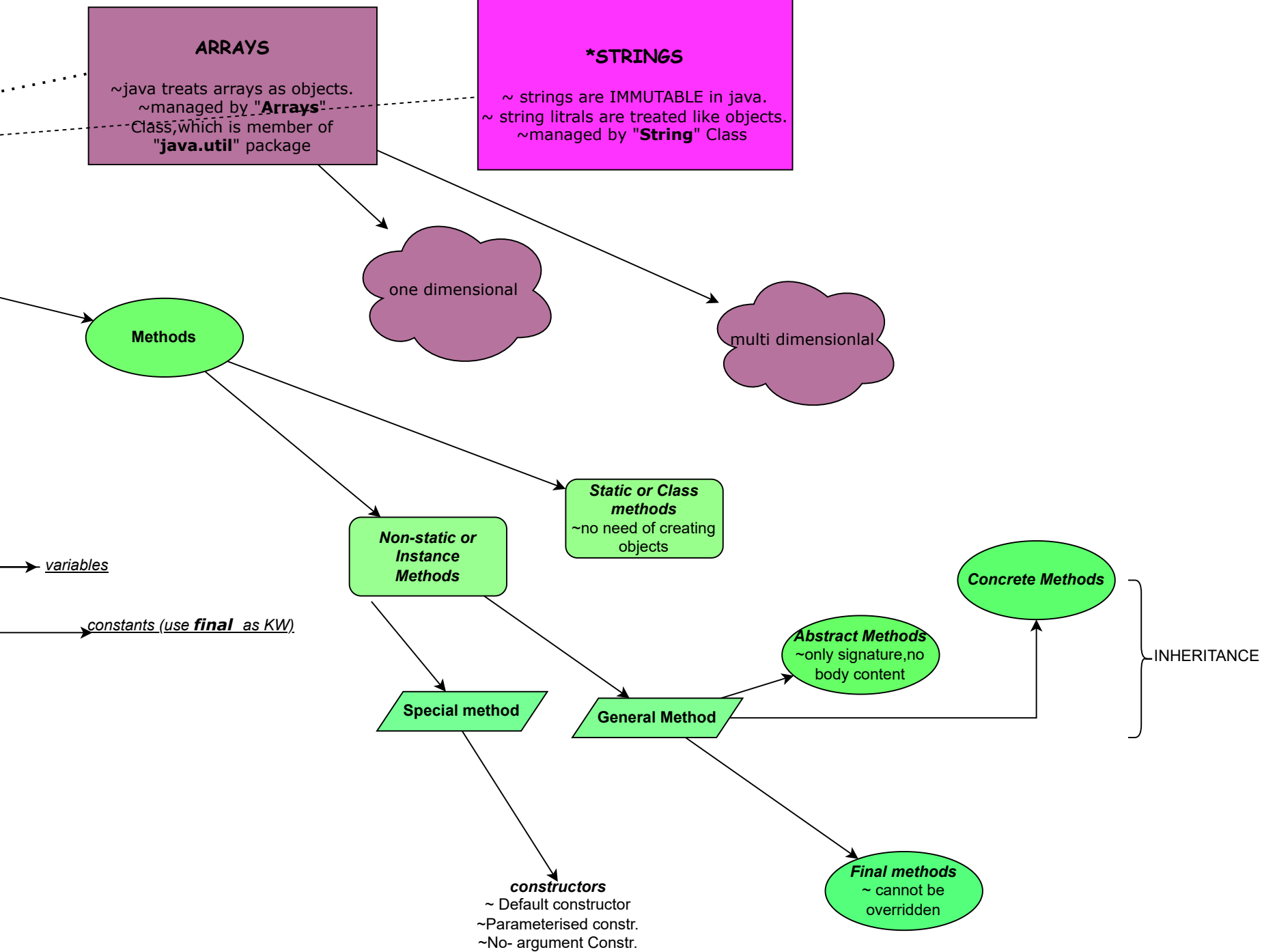




BASIC STRUCTURE OF JAVA





FEATURES OF OOPs

1. Encapsulation
2. Abstraction
3. inheritance
4. Polymorphism

Java as an OOP:

ABSTRACTION

FOUR LAYERS OF ABSTRACTION
IN JAVA:-

1. **Public**
2. **Private**
3. **Protected**
4. **Default or Package**

ENCAPSULATION

All elements of a class must be placed at one place

CLASS

members

fields

methods

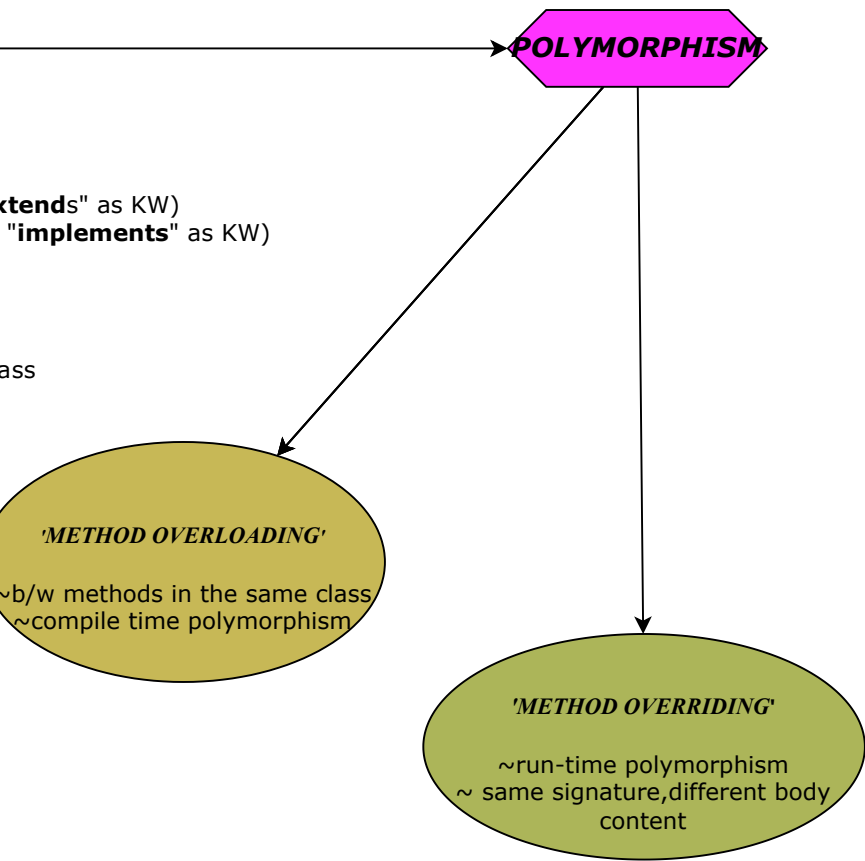
INHERITANCE

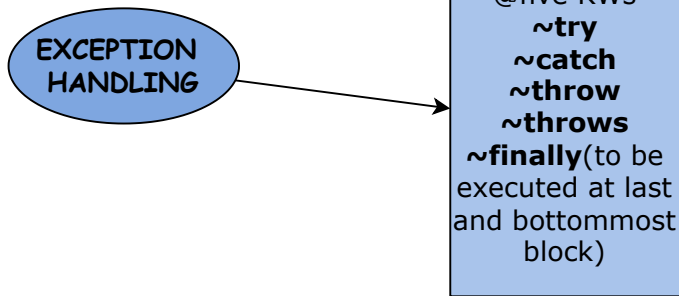
JAVA provides SINGLE INHERITANCE (use "extends")
~for MULTIPLE inheritance, Java has **Interfaces** (use "implements")

~ **THREE types of classes:-**

1. Current Class
2. Parent Class
3. Super Class

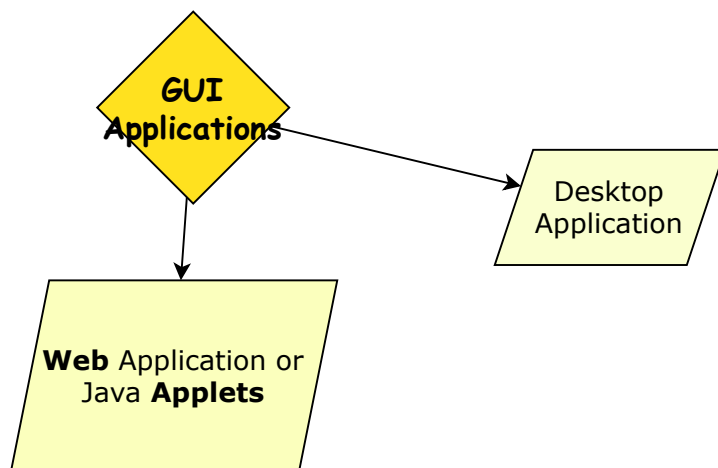
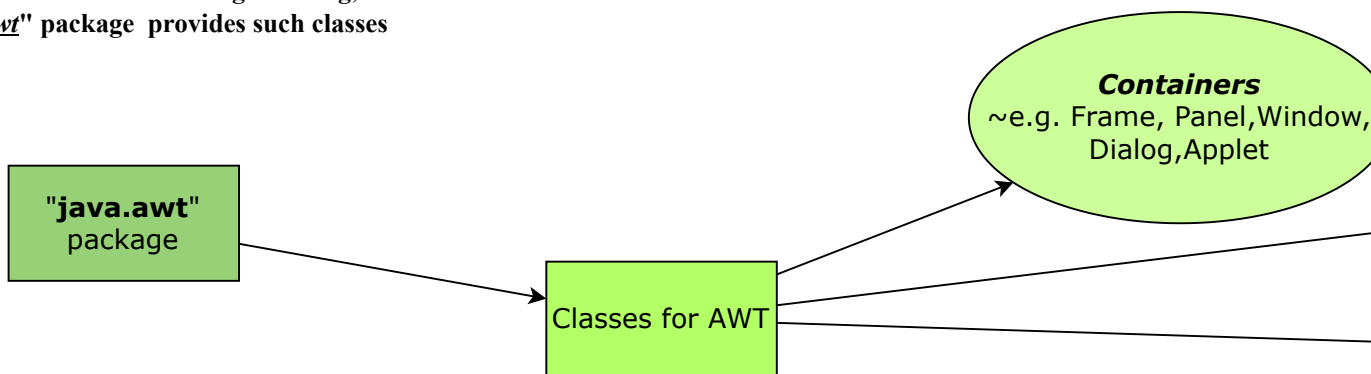
~ "**super**" KW refers to Super Class





#JAVA AWT(Abstract Window Toolkit)

~set of classes for GUI Programming,
~"java.awt" package provides such classes



JAVA AWT HIERARCHY:-

