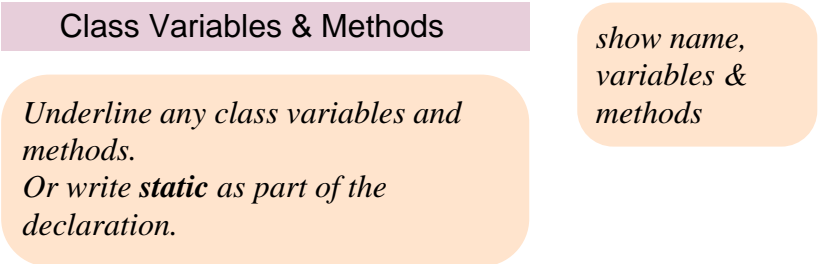
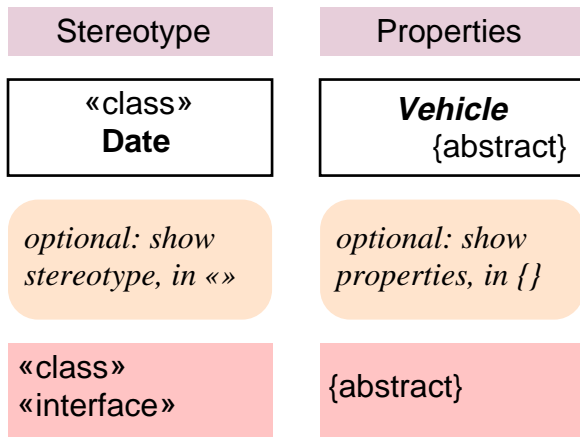
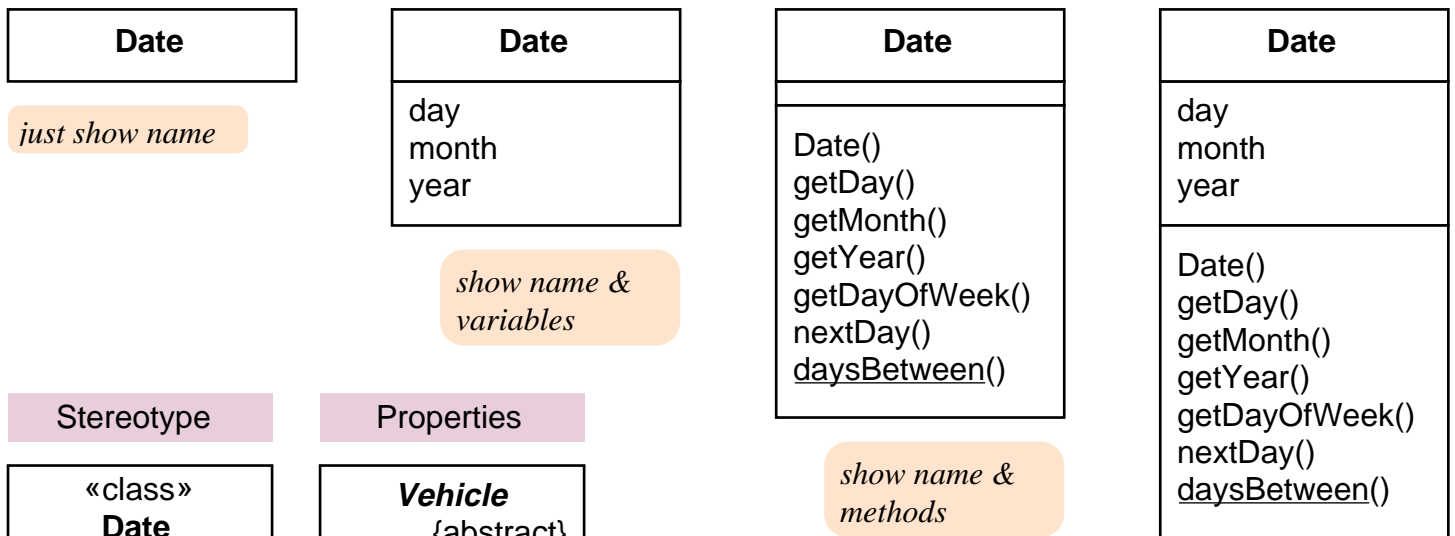
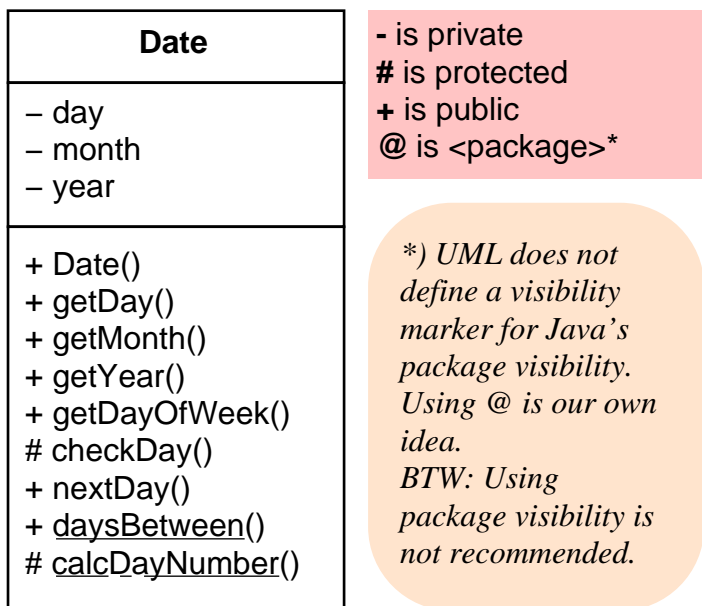


Classes

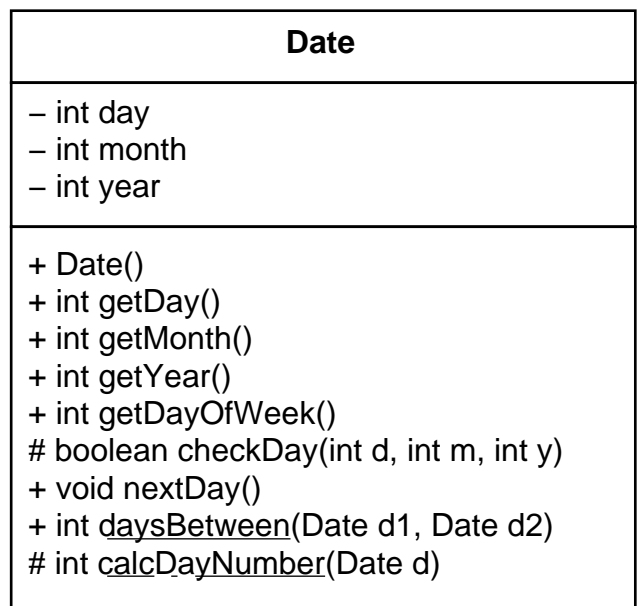
Representation of a Class



Visibility Markers



Show Java Declaration



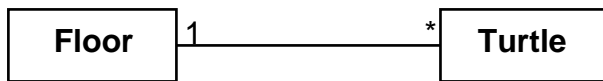
Suppressing the visibility marker does not mean the visibility is undefined or public!

You can show the declaration, or just the name of methods & variables

You can show the visibility markers (+, #, -, @), show the Java visibility modifiers (public, protected, private or <package>) as part of the declaration, or suppress all visibility information.

Relationships between Classes

Association (uses a)



Multiplicity:
1 means: exactly one
0..1 means: zero or one
1..* means: one or more
***** means: zero, one or more

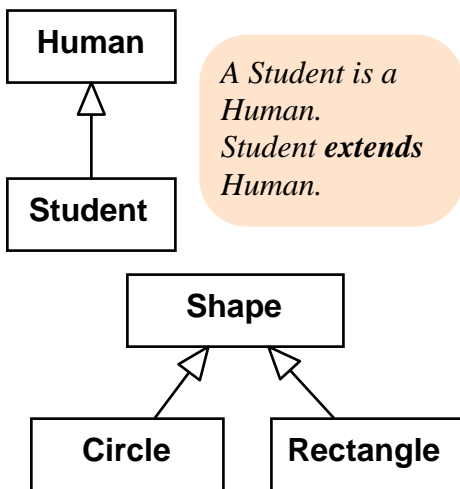
*A Turtle walks on exactly one floor.
 A floor may be used by multiple turtles.*

Composition (contains a)

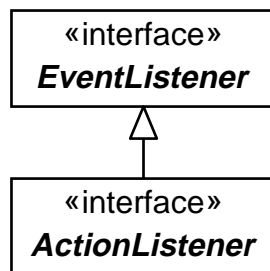


A Human has a Head. A Head is an inherent part of a Human, it is "exclusively owned" by the Human.

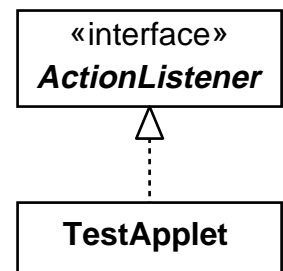
Inheritance (is a)



*A Student is a Human.
 Student extends Human.*



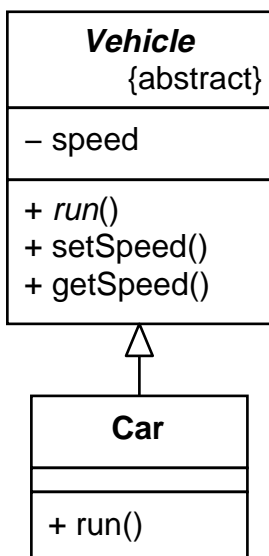
*ActionListener is an EventListener.
 ActionListener extends EventListener.*



*TestApplet is an ActionListener.
 TestApplet implements ActionListener.*

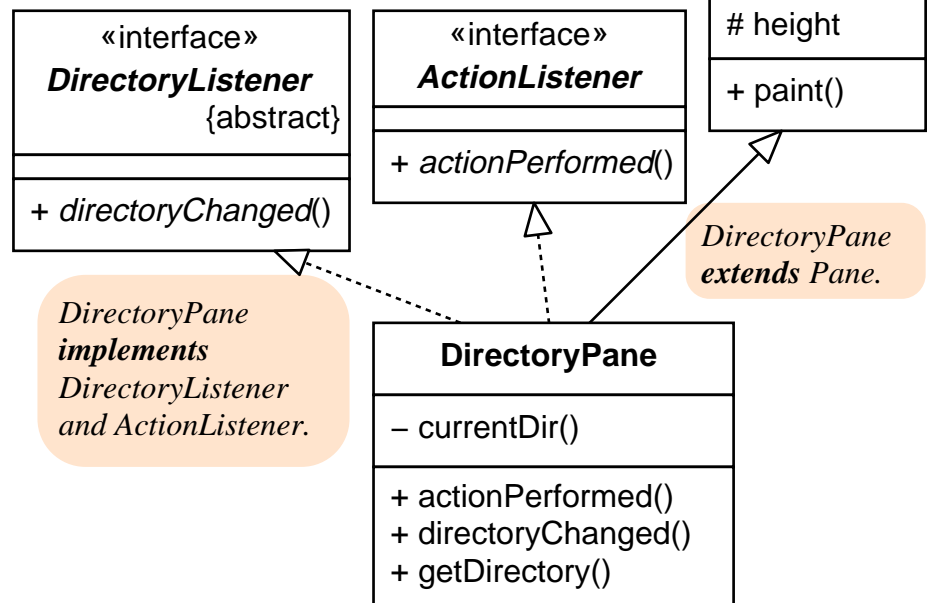
Abstract Classes, Abstract Methods & Interfaces

*abstract class:
 write name in italics or specify {abstract} property*



*abstract method:
 write name in italics or specify {abstract} property*

*interface:
 specify <<interface>> stereotype and write name in italics or specify {abstract} property*



DirectoryPane implements DirectoryListener and ActionListener.

DirectoryPane extends Pane.