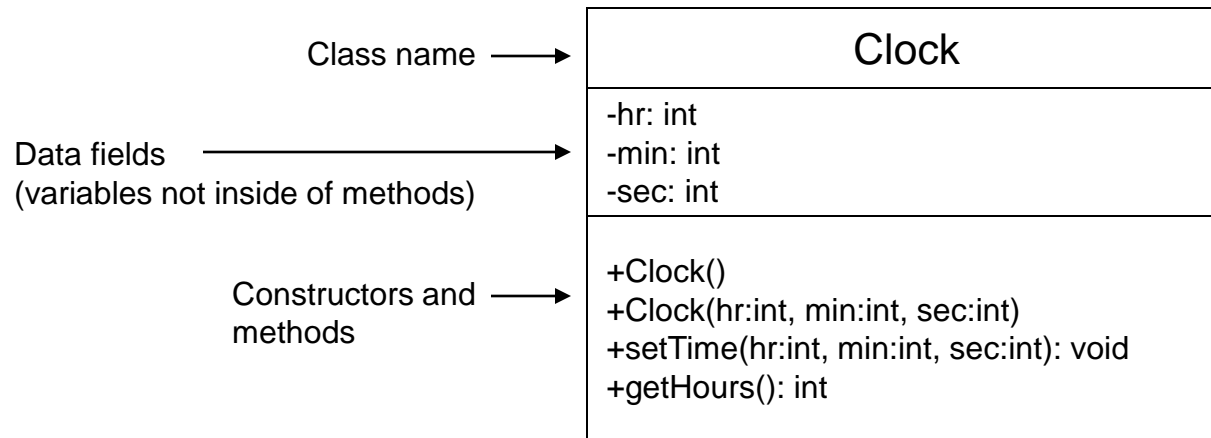



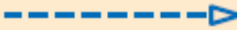


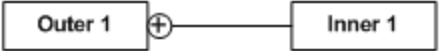
Guidelines for creating an UML Class Diagram



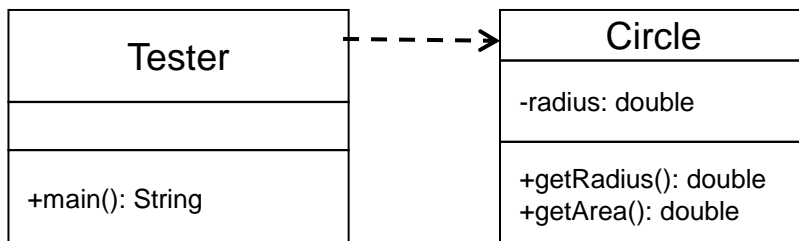
Java item	Notation in the Class Diagram
data field:	dataFieldName: dataFieldType
constructor:	ClassName(parameterName: parameterType)
method:	methodName(parameterName: parameterType): returnType
inheritance	a line connecting the 2 classes, pointing towards the super class from the sub class
interface	<<interface>>InterfaceName - method names in an interface are also in italics (indicating that they don't contain code) - classes are connected to an interface using dashed lines and a hollow arrow head

Java item	Notation in the Class Diagram
private	-
public	+
protected	#
package	no symbol
static	underline
abstract	italics (indicating no code) [also mark abstract]
final	All caps

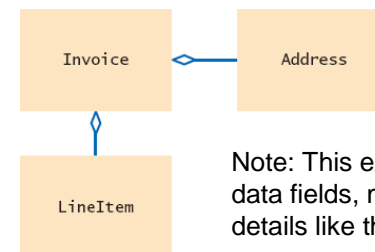
UML Class Diagram - Relationship Symbols

Relationship		Symbol	Line Style	Arrow Tip
Inheritance	is-a		Solid	Triangle
Interface Implementation	is-a		Dotted	Triangle
Aggregation (also called Composition)	has-a		Solid	Diamond
Dependency	uses		Dotted	Open
Inner class	nesting		Solid	Circle with a +

“Uses” Example:

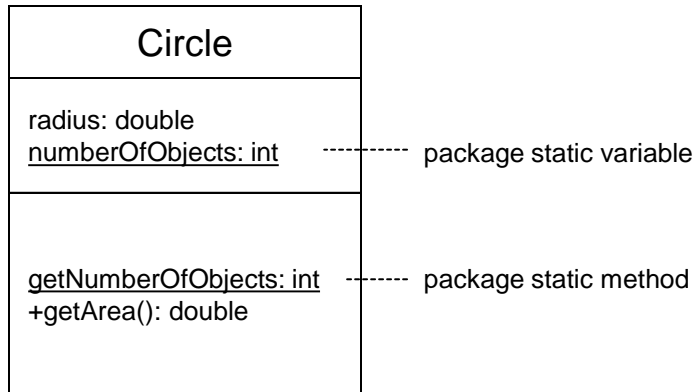


Aggregation Example:

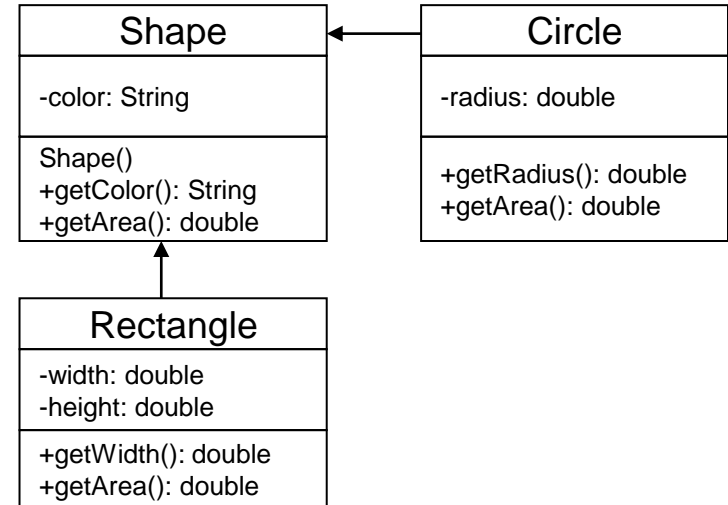


Note: This example is not showing the data fields, methods, or constructors details like the other examples do.

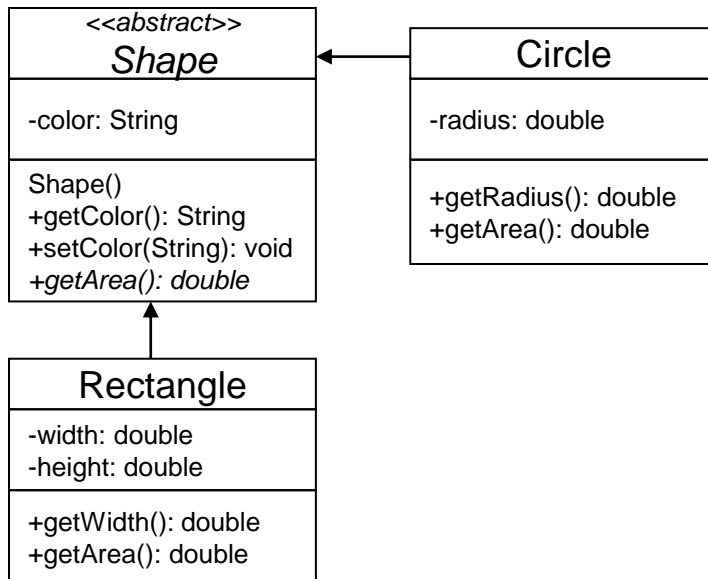
Static Example:



Inheritance Example:



Abstract Class Example:



Interface Example:

