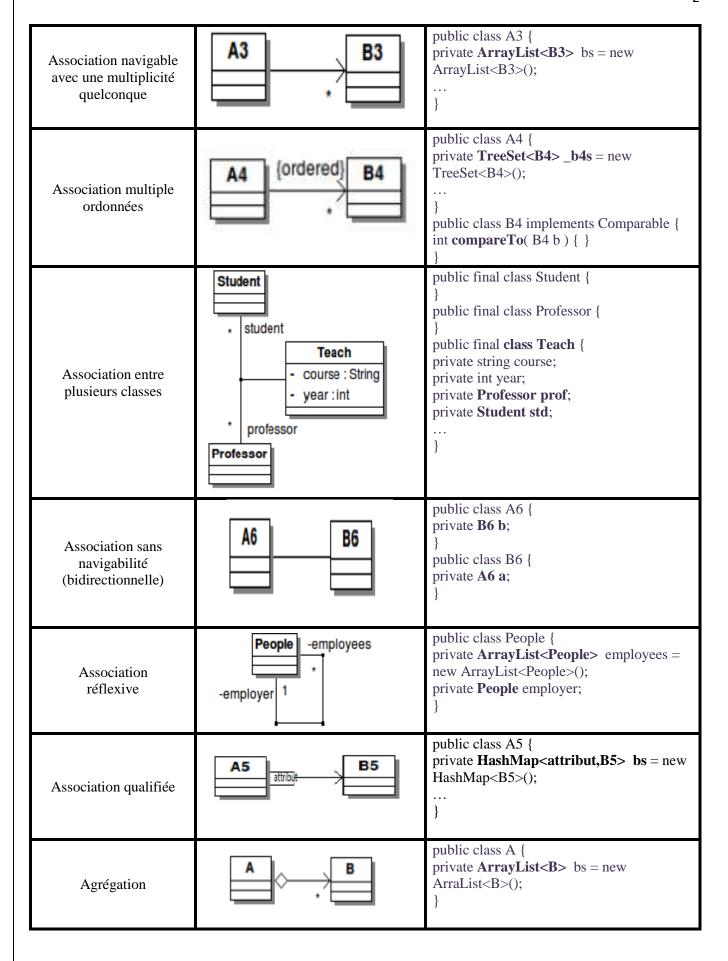
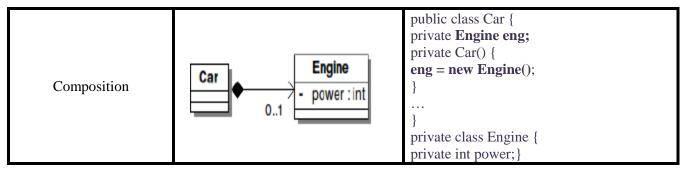
Correspondance UML-Java

A. Diagramme de classes

Type de relation	Représentation UML	Syntaxe Java
Héritage de classe	Student	<pre>public abstract class People { } public final class Student extends People { }</pre>
Héritage d'interface	<pre></pre>	<pre>public interface ISortable { public int isGreaterThan(ISortable o); } public interface IOrdonable extends ISortable { public int getRank(); }</pre>
Réalisation d'interfaces	<pre><<interface>> IOrdonable + getRank():int Student - promotion:int - speciality:String + getRank():int + print()</interface></pre>	<pre>public interface IImprimable { public void print(); } public interface IOrdonable { public int getRank(); } class Student implements IOrdonable, IImprimable { private int _promotion; private String _speciality; public int getRank() { } public void print() { } }</pre>
Association navigable de multiplicité 1	A1 B1 01	<pre>public class A1 { private B1 b; } public class B1 { }</pre>
Association navigable avec une multiplicité fixée	A2 B2	<pre>public class A2 { private B2[] bs = new B2[10]; }</pre>





B. Diagramme de séquences

