

Classes

In Java, a class is a type. Many classes can be found in the Java library. An object exists only when we create it.

An assignment made in a method is a program variable; in the body of a class, it is an attribute, or field. Attributes can be modified by methods, though.

Remember that object methods must omit the static to work.

In order to create an object, one must invoke the constructor:

`<type name> <var-name>.new <type name>()`

We should that the object is inside of that variable.

However, static variables are only created with the class they belong to.

It is possible to ^{public} access attributes as we do with methods; however, it's better to encapsulate it with a return value. This is because one should hide the implementation.

Private attributes/methods are not visible outside the class.