# Constructors

* Constructors are used for initializing a class. Initialization usually means that you set the initial values of all or some of the properties.
* The name of the constructor is always the same as the name of the class.
* The type of the constructor is the type of the class (you could say that the constructor has no type).
* You can have multiple constructors for different situations.
* You can call other constructor form inside a constructor. *The call must be the first thing you do in the constructor.*
* *Constructors do not get inherited*. They must always be called by the extending class. If you don’t call the constructor in the code, the unparametrized constructor gets called *automatically*.
* If you don’t define a constructor, Java makes one for you. It is the unparametrized one and you do not want that to happen. So always, make at least one constructor.
* In normal situations at least one of your constructors must be public. Otherwise it is not possible to make an instance of you class *in a normal way.*
* Examples: Classes\Constructor, Classes\ConstructorExtender, Classes\Base, Classes2\BaseExtender, Classes2\BaseUser