Non-access modifiers in Java

*<modifier>* class Base

{

*<modifier>* <member field>;

*<modifier>* <member method>

}

The table below indicates the meaning of each modifier according to the entity to which it is applied.

|  |  |  |  |
| --- | --- | --- | --- |
| entity  *<modifier>* | **class** | **member field** | **member method** |
| **abstract** | cannot be instantiated, must be inherited from |  | must be defined in a subclass, and so the Base class itself must be abstract |
| **final** | cannot be inherited from | must be initialized at declaration **or** in constructor, and cannot be reassigned to later | cannot be redefined |
| **static** |  | class variable: must be used with class name | class method: must be called with the class name |