# Take Notes

## Item 1 Summary:

* The user of a component should never be surprised by its behavior
* Errors should be detected as soon as possible after they are made, ideally at compile time.
* The book’s website, <http://joshbloch.com/effectivejava>.

Creating and Destroying Objects

Item 1: Consider static factory methods instead of constructors

A class can provide a public static factory method, which is simply a static method that returns an instance of the class.

Here’s a simple example from Boolean (the boxed primitive class for Boolean). This method translates a Boolean primitive value into a Boolean object reference:

public static Boolean valueOf(boolean b) {

return b ? Boolean.TRUE : Boolean.FALSE;

}