Concurrency

Atomic Classes

```
-> AtomicIntegerExample.java
```

Atomic Classes

Class Name	Description
`AtomicBoolean`	A `boolean` value that may be updated atomically
`AtomicInteger`	An `int` value that may be updated atomically
`AtomicLong`	A `long` value that may be updated atomically

Common Atomic Methods

Method	Description
`get()`	Retrieves a current value
`set(T newValue)`	Sets new value and returns new value (equivalent to =)
`getAndSet(T newValue)`	Sets new value and returns the old value
`incrementAndGet()`	Equivalent to `++value`
`getAndIncrement()`	Equivalent to `value++`
`decrementAndGet()`	Equivalent to `--value`
`getAndDecrement()`	Equivalent to `value--`