Specifications: `LeafLabeledDouble`

In addition to the obvious specifications illustrated in the UML class diagram, the `LeafLabeledDouble` class must satisfy the following specifications.

1. `LeafLabeledDouble` objects must be immutable.
2. If a constructor is passed a key that is null or empty (i.e., `""`) then the constructor must throw an `IllegalArgumentException`.
3. The `LeafLabeledDouble(String key)` constructor must construct a `LeafLabeledDouble` object with a `value` attribute of `0.0`.