

3 Ways to Test

- Assertions
 - `assert value == what_it_should_be : "msg";`
 - don't forget to enable at run time (`java-algs4 -ea`)
- Exceptions
 - `if (value != what_it_should_be) throw new RuntimeException("msg");`
 - easier; can't forget to enable them
- Print statement
 - `StdOut.println(value);`
 - more informative is better
 - `StdOut.println("value: " + value + " (=? " + what_it_should_be + ")");`