

ArrayLib.java

Mutations

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| 9 | 1. changed conditional boundary → KILLED 2. negated conditional → KILLED |
| 10 | 1. Replaced integer subtraction with addition → KILLED 2. Replaced integer subtraction with addition → KILLED |
| 12 | 1. mutated return of Object value for ArrayLib::reverse to (if (x != null) null else throw new RuntimeException) → KILLED |
| 21 | 1. negated conditional → KILLED |
| 22 | 1. Changed increment from 1 to -1 → KILLED |
| 26 | 1. mutated return of Object value for ArrayLib::unique to (if (x != null) null else throw new RuntimeException) → KILLED |
| 34 | 1. Changed increment from 1 to -1 → KILLED |
| 36 | 1. negated conditional → KILLED |
| 37 | 1. Changed increment from 1 to -1 → KILLED |
| 42 | 1. mutated return of Object value for ArrayLib::intersection to (if (x != null) null else throw new RuntimeException) → KILLED |
| 49 | 1. Replaced integer addition with subtraction → KILLED |
| 51 | 1. Changed increment from 1 to -1 → KILLED |
| 54 | 1. Changed increment from 1 to -1 → KILLED |
| 57 | 1. mutated return of Object value for ArrayLib::union to (if (x != null) null else throw new RuntimeException) → KILLED |
| 65 | 1. negated conditional → KILLED |
| 66 | 1. Changed increment from 1 to -1 → KILLED |
| 69 | 1. Replaced integer subtraction with addition → KILLED |
| 72 | 1. negated conditional → KILLED |
| 73 | 1. Changed increment from 1 to -1 → KILLED |
| 77 | 1. mutated return of Object value for ArrayLib::compact to (if (x != null) null else throw new RuntimeException) → KILLED |
| 81 | 1. changed conditional boundary → KILLED 2. negated conditional → KILLED |
| 82 | 1. negated conditional → KILLED 2. negated conditional → KILLED 3. negated conditional → KILLED |
| 83 | 1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED |
| 86 | 1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED |
| 91 | 1. negated conditional → KILLED 2. negated conditional → KILLED 3. negated conditional → KILLED |
| 92 | 1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED |
| 95 | 1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED |
| 104 | 1. changed conditional boundary → SURVIVED |

2. negated conditional → KILLED

[108](#) 1. mutated return of Object value for ArrayList::without to (if (x != null) null else throw new RuntimeException) → KILLED

Active mutators

- CONDITIONALS_BOUNDARY_MUTATOR
- INCREMENTS_MUTATOR
- INVERT_NEGS_MUTATOR
- MATH_MUTATOR
- NEGATE_CONDITIONALS_MUTATOR
- RETURN_VALS_MUTATOR
- VOID_METHOD_CALL_MUTATOR

Tests examined

- ArrayListTest.withoutTest() (5 ms)
- ArrayListTest.reverseTest() (5 ms)
- ArrayListTest.indexOfTest() (147 ms)
- ArrayListTest.intersectionTest() (7 ms)
- ArrayListTest.unionTest() (5 ms)
- ArrayListTest.uniqueTest() (5 ms)

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