

Problem_1_setWarnings.java

Mutations

7

1. Substituted 0 with 1 → KILLED
2. Removed assignment to member variable brakes → KILLED
3. Removed assignment to member variable buzzer → KILLED
4. Removed assignment to member variable greenLight → KILLED
5. Removed assignment to member variable yellowLight → KILLED
6. Removed assignment to member variable redLight → KILLED

8

1. changed conditional boundary → KILLED
2. Substituted 200.0 with 1.0 → KILLED
3. negated conditional → KILLED
4. removed conditional - replaced comparison check with false → KILLED
5. removed conditional - replaced comparison check with true → KILLED

9

1. Substituted 1 with 0 → KILLED
2. Removed assignment to member variable greenLight → KILLED

11

1. changed conditional boundary → KILLED
2. Substituted 75.0 with 1.0 → KILLED
3. negated conditional → KILLED
4. removed conditional - replaced comparison check with false → KILLED
5. removed conditional - replaced comparison check with true → KILLED

12

1. Substituted 1 with 0 → KILLED
2. Removed assignment to member variable yellowLight → KILLED

14

1. changed conditional boundary → KILLED
2. Substituted 25.0 with 1.0 → KILLED
3. negated conditional → KILLED
4. removed conditional - replaced comparison check with false → KILLED
5. removed conditional - replaced comparison check with true → KILLED

15

1. Substituted 1 with 0 → KILLED
2. Removed assignment to member variable redLight → KILLED

16

1. Substituted 1 with 0 → KILLED
2. Removed assignment to member variable yellowLight → KILLED

18

1. Substituted 1 with 0 → KILLED
2. Removed assignment to member variable brakes → KILLED

19

1. Substituted 1 with 0 → KILLED
2. Removed assignment to member variable redLight → KILLED

<u>20</u>	1. Substituted 1 with 0 → KILLED 2. Removed assignment to member variable yellowLight → KILLED
<u>21</u>	1. Substituted 1 with 0 → KILLED 2. Removed assignment to member variable buzzer → KILLED
<u>25</u>	1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED
<u>31</u>	1. Removed assignment to member variable brakes → SURVIVED
<u>35</u>	1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED
<u>39</u>	1. Removed assignment to member variable redLight → SURVIVED
<u>43</u>	1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED
<u>47</u>	1. Removed assignment to member variable yellowLight → SURVIVED
<u>51</u>	1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED
<u>55</u>	1. Removed assignment to member variable greenLight → SURVIVED
<u>59</u>	1. replaced return of integer sized value with (x == 0 ? 1 : 0) → KILLED
<u>63</u>	1. Removed assignment to member variable buzzer → SURVIVED

Active mutators

- RETURN_VALS_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_61
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_60
- CONDITIONALS_BOUNDARY_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_56
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_55
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_58
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_57
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_52
- VOID_METHOD_CALL_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_51
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_54
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_53
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_59
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_50
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_45
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_44
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_47
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_46
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_41

- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_40
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_43
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_42
- NEGATE_CONDITIONALS_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_49
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_48
- INLINE_CONSTANT_MUTATOR
- CONSTRUCTOR_CALL_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_34
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_33
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_36
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_35
- EXPERIMENTAL_MEMBER_VARIABLE_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_30
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_32
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_31
- REMOVE_CONDITIONALS_ORDER_ELSE_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_38
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_37
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_39
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_3
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_2
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_1
- INVERT_NEGS_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_0
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_23
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_22
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_25
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_9
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_24
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_8
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_7
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_6
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_21
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_5
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_20
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_4
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_27
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_26
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_29
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_28
- REMOVE_INCREMENTS_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_12
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_11
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_99
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_14

- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_13
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_96
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_95
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_10
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_98
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_97
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_19
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_16
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_15
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_18
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_17
- EXPERIMENTAL_SWITCH_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_92
- ARGUMENT_PROPAGATION_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_91
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_94
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_93
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_90
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_89
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_88
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_85
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_84
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_87
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_86
- MATH_MUTATOR
- NON_VOID_METHOD_CALL_MUTATOR
- REMOVE_CONDITIONALS_EQUAL_IF_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_81
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_80
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_83
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_82
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_78
- REMOVE_CONDITIONALS_EQUAL_ELSE_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_77
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_79
- INCREMENTS_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_74
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_73
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_76
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_75
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_70
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_72
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_71
- REMOVE_CONDITIONALS_ORDER_IF_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_67
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_66

- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_69
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_68
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_63
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_62
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_65
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_64

Tests examined

- Problem_1_setWarningsTest.Problem_1_setWarningsTest (41 ms)

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