

Test Report

Table of Contents

1. JUnit Jupiter	1
1.1. XTest	1
1.2. FractionLongTest	1
1.3. FractionTest	3
1.4. ReadFileTest	5
1.5. ParseIntoFractionTest	5
1.6. FractionBigIntegerTest	5
1.7. FractionListTest	7

1. JUnit Jupiter

1.1. XTest

☑ name()

1.2. FractionLongTest

1.2.1. Limits

☑ add_max_value()

☑ add_min_value()

1.2.2. Pow

☑ power_to_ten()

☑ power_to_two()

☑ power_to_three()

1.2.3. Addition

☑ addition_with_two_proper_fractions()

☑ add_1_3_plus_2_3_should_be_1_1_reduced()

☑ chaining_addition_with_improper_fraction_result()

☑ chaining_addition_with_proper_fraction_result()

☑ add_1_3_plus_2_3_should_be_1_10()

1.2.4. Subtraction

- ✓ `subtract_first_minus_second()`
- ✓ `subtract_with_same_denominator()`
- ✓ `subtract_with_improper_faction_result()`

1.2.5. Divide

- ✓ `devide_the_same_fraction()`
- ✓ `devide_1_2_by_2_5()`

1.2.6. Multiplikation

- ✓ `multiply_multiplier_by_multiplicand()`

1.2.7. Normalizing

- ✓ `normalize_0_x()`
- ✓ `normalize_improper_fraction()`

1.2.8. InvalideValues

- ✓ `compare_to_null()`
- ✓ `denominator_is_not_allowed_to_be_zero()`

1.2.9. Verification

- ✓ `check_to_string()`
- ✓ `hash_code_and_equals()`

1.2.10. CompareTo

- ✓ `fraction_one_greater_than_fraction_two()`
- ✓ `fraction_one_identical_to_fraction_two()`
- ✓ `fraction_one_less_than_fraction_two()`

1.2.11. Signum

- ✓ `signum_for_z_pos_n_neg()`
- ✓ `signum_for_z_pos_n_pos()`
- ✓ `signum_for_z_neg_n_neg()`
- ✓ `signum_for_z_neg_n_pos()`

1.2.12. Negate

- ☑ `fraction_negate()`
- ☑ `fraction_negate_max()`
- ☑ `fraction_negate_min()`

1.2.13. DoubleValue

- ☑ `fraction_to_double()`

1.2.14. BigDecimalValue

- ☑ `fraction_to_bigdecimal()`

1.3. FractionTest

1.3.1. Limits

- ☑ `add_max_value()`
- ☑ `add_min_value()`

1.3.2. Pow

- ☑ `power_to_ten()`
- ☑ `power_to_two()`
- ☑ `power_to_three()`

1.3.3. Addition

- ☑ `addition_with_two_proper_fractions()`
- ☑ `add_1_3_plus_2_3_should_be_1_1_reduced()`
- ☑ `chaining_addition_with_improper_fraction_result()`
- ☑ `chaining_addition_with_proper_fraction_result()`
- ☑ `add_1_3_plus_2_3_should_be_1_1()`

1.3.4. Subtraction

- ☑ `subtract_first_minus_second()`
- ☑ `subtract_with_same_denominator()`
- ☑ `subtract_with_improper_faction_result()`

1.3.5. Divide

- ☑ `divide_the_same_fraction()`

☑ `divide_1_2_by_2_50`

1.3.6. Multiplikation

☑ `multiply_multiplier_by_multiplicand()`

1.3.7. Normalizing

☑ `normalize_0_x()`

☑ `normalize_improper_fraction()`

1.3.8. InvalideValues

☑ `compare_to_null()`

☑ `denominator_is_not_allowed_to_be_zero()`

1.3.9. Verification

☑ `check_to_string()`

☑ `hash_code_and_equals()`

1.3.10. CompareTo

☑ `fraction_one_greater_than_fraction_two()`

☑ `fraction_one_identical_to_fraction_two()`

☑ `fraction_one_less_than_fraction_two()`

1.3.11. Signum

☑ `signum_for_z_pos_n_neg()`

☑ `signum_for_z_pos_n_pos()`

☑ `signum_for_z_neg_n_neg()`

☑ `signum_for_z_neg_n_pos()`

1.3.12. Negate

☑ `fraction_negate()`

☑ `fraction_negate_max()`

☑ `fraction_negate_min()`

1.3.13. DoubleValue

☑ `fraction_to_double()`

1.3.14. BigDecimalValue

- ☑ fraction_to_bigdecimal()

1.4. ReadFileTest

- ☑ name()
- ☑ ShouldReadLinesAndSeparateThem

1.5. ParseIntoFractionTest

1.5.1. convert_several_fractions_into_fraction_class(String, Fraction)

- ☑ [1] 1/3, Fraction[numerator=1, denominator=3]
- ☑ [2] 5/6, Fraction[numerator=5, denominator=6]
- ☑ [3] 391/247, Fraction[numerator=391, denominator=247]
- ☑ wrong_format_should_fail_with_illegal_argument_exception()

1.6. FractionBigIntegerTest

1.6.1. Limits

- ☑ add_max_value()
- ☑ add_min_value()

1.6.2. Pow

- ☑ power_to_ten()
- ☑ power_to_two()
- ☑ power_to_three()

1.6.3. Addition

- ☑ addition_with_two_proper_fractions()
- ☑ add_1_3_plus_2_3_should_be_1_1_reduced()
- ☑ chaining_addition_with_improper_fraction_result()
- ☑ chaining_addition_with_proper_fraction_result()
- ☑ add_1_3_plus_2_3_should_be_1_10()

1.6.4. Subtraction

- ☑ subtract_first_minus_second()

- ☑ subtract_with_same_denominator()
- ☑ subtract_with_improper_faction_result()

1.6.5. Divide

- ☑ devide_the_same_fraction()
- ☑ devide_1_2_by_2_5()

1.6.6. Multiplikation

- ☑ multiply_multiplier_by_multiplicand()

1.6.7. Normalizing

- ☑ normalize_0_x()
- ☑ normalize_improper_fraction()

1.6.8. InvalideValues

- ☑ compare_to_null()
- ☑ denominator_is_not_allowed_to_be_zero()

1.6.9. Verification

- ☑ check_to_string()
- ☑ hash_code_and_equals()

1.6.10. CompareTo

- ☑ fraction_one_greater_than_fraction_two()
- ☑ fraction_one_identical_to_fraction_two()
- ☑ fraction_one_less_than_fraction_two()

1.6.11. Signum

- ☑ signum_for_z_pos_n_neg()
- ☑ signum_for_z_pos_n_pos()
- ☑ signum_for_z_neg_n_neg()
- ☑ signum_for_z_neg_n_pos()

1.6.12. Negate

- ☑ fraction_negate()
- ☑ fraction_negate_max()

1.6.13. DoubleValue

☑ `fraction_to_double()`

1.6.14. BigDecimalValue

☑ `fraction_to_bigdecimal()`

1.7. FractionListTest

☑ `list_test()`

☑ `name()`