

## Primes Class

### Test: DeepSeek2PrimesTest

```
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek2PrimesTest.nextPrime_ShouldReturnCorrectNextPrime:65 expected: <2147483647> but was: <2147483549>
[INFO]
[ERROR] Tests run: 106, Failures: 1, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.940 s
[INFO] Finished at: 2025-04-06T13:18:09-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek3PrimesTest

```
[INFO] Results:
[INFO]
[ERROR] Errors:
[ERROR]   DeepSeek3PrimesTest.primeFactors_ShouldHandleProductsOfLargePrimes:164 » MathIllegalArgumentException -1,915,272,241 is smaller than the minimum (2)
[INFO]
[ERROR] Tests run: 117, Failures: 0, Errors: 1, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.118 s
[INFO] Finished at: 2025-04-06T13:23:59-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms:
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek5PrimesTest

```
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek5PrimesTest.nextPrime_ShouldHandleLargeInputs:94 expected: <2147483647> but was: <2147483629>
[ERROR] Errors:
[ERROR]   DeepSeek5PrimesTest.nextPrime_ShouldReturnCorrectNextPrime:56 » MathIllegalArgumentException -1 is smaller than the minimum (0)
[INFO]
[ERROR] Tests run: 111, Failures: 1, Errors: 1, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.960 s
[INFO] Finished at: 2025-04-06T13:22:04-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Hex Class

### Test: DeepSeek1HexTest

```
[INFO] 6 errors
[INFO] -----
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.075 s
[INFO] Finished at: 2025-04-06T12:53:33-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek1HexTest.java:[182,56] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek1HexTest.java:[219,28] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek1HexTest.java:[279,30] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek1HexTest.java:[280,30] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek1HexTest.java:[285,29] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek1HexTest.java:[286,29] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek2HexTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek2HexTest.java:[175,62] incompatible types: byte[] cannot be converted to char[]
[INFO] 1 error
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.099 s
[INFO] Finished at: 2025-04-06T13:29:39-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek2HexTest.java:[175,62] incompatible types: byte[] cannot be converted to char[]
[ERROR]
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek3HexTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek3HexTest.java:[198,63] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek3HexTest.java:[251,28] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek2HexTest.java:[175,62] incompatible types: byte[] cannot be converted to char[]
[INFO] 3 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.151 s
[INFO] Finished at: 2025-04-06T17:55:15-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek3HexTest.java:[198,63] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek3HexTest.java:[251,28] DIGITS_LOWER has private access in experimento.deepseek.hex.Hex
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek2HexTest.java:[175,62] incompatible types: byte[] cannot be converted to char[]
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek4HexTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek4HexTest.java:[190,62] incompatible types: byte[] cannot be converted to char[]
[INFO] 1 error
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.072 s
[INFO] Finished at: 2025-04-06T18:03:32-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek4HexTest.java:[190,62] incompatible types: byte[] cannot be converted to char[]
[ERROR]
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek5HexTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek5HexTest.java:[214,62] incompatible types: byte[] cannot be converted to char[]
[INFO] 1 error
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.119 s
[INFO] Finished at: 2025-04-06T18:12:57-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/hex/DeepSeek5HexTest.java:[214,62] incompatible types: byte[] cannot be converted to char[]
[ERROR]
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## BinaryCodec Class

## Test: DeepSeek1BinaryCodecTest

```
[INFO] 7 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.466 s
[INFO] Finished at: 2025-04-06T20:32:29-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[21,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[46,58] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[59,46] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[60,38] EMPTY_CHAR_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[76,48] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[92,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek1BinaryCodecTest.java:[124,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek2BinaryCodecTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek2BinaryCodecTest.java:[323,67] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek2BinaryCodecTest.java:[324,70] EMPTY_CHAR_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[INFO] 2 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.617 s
[INFO] Finished at: 2025-04-06T20:45:04-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek2BinaryCodecTest.java:[323,67] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek2BinaryCodecTest.java:[324,70] EMPTY_CHAR_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek3BinaryCodecTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek3BinaryCodecTest.java:[46,46] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek3BinaryCodecTest.java:[171,39] incompatible types: possible lossy conversion from int to byte
[INFO] 2 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.120 s
[INFO] Finished at: 2025-04-06T20:52:04-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek3BinaryCodecTest.java:[46,46] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek3BinaryCodecTest.java:[171,39] incompatible types: possible lossy conversion from int to byte
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek4BinaryCodecTest

```
[INFO] 9 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.087 s
[INFO] Finished at: 2025-04-06T23:02:46-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[43,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[73,50] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[87,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[109,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[124,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[139,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[154,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[169,38] EMPTY_BYTE_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek4BinaryCodecTest.java:[183,38] EMPTY_CHAR_ARRAY has private access in experimento.deepseek.binarycodec.BinaryCodec
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek5BinaryCodecTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek5BinaryCodecTest.java:[46,46] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek5BinaryCodecTest.java:[156,36] reference to fromAscii is ambiguous
    both method fromAscii(char[]) in experimento.deepseek.binarycodec.BinaryCodec and method fromAscii(byte[]) in experimento.deepseek.binarycodec.BinaryCodec match
[INFO] 2 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 0.999 s
[INFO] Finished at: 2025-04-06T23:09:00-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek5BinaryCodecTest.java:[46,46] incompatible types: byte[] cannot be converted to char[]
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/binarycodec/DeepSeek5BinaryCodecTest.java:[156,36] reference to fromAscii is ambiguous
[ERROR] both method fromAscii(char[]) in experimento.deepseek.binarycodec.BinaryCodec and method fromAscii(byte[]) in experimento.deepseek.binarycodec.BinaryCodec match
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## CharRange Class

## Test: DeepSeek1CharRangeTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek1CharRangeTest.java:[405,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek1CharRangeTest.java:[406,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[INFO] 2 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.089 s
[INFO] Finished at: 2025-04-10T15:54:54-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek1CharRangeTest.java:[405,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek1CharRangeTest.java:[406,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek2CharRangeTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[83,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[237,45] incompatible types: possible lossy conversion from int to char
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[320,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[323,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[INFO] 4 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.073 s
[INFO] Finished at: 2025-04-10T16:07:10-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[83,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[237,45] incompatible types: possible lossy conversion from int to char
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[320,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek2CharRangeTest.java:[323,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek3CharRangeTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek3CharRangeTest.java:[83,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[INFO] 1 error
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.117 s
[INFO] Finished at: 2025-04-10T16:16:57-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek3CharRangeTest.java:[83,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR]
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek4CharRangeTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[83,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[119,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[128,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[176,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[177,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[259,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[INFO] 6 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.332 s
[INFO] Finished at: 2025-04-10T16:22:12-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[83,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[119,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[128,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[176,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[177,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek4CharRangeTest.java:[259,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] -> [Help 1]
```

## Test: DeepSeek5CharRangeTest

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek5CharRangeTest.java:[355,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek5CharRangeTest.java:[356,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek5CharRangeTest.java:[368,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[INFO] 3 errors
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 1.083 s
[INFO] Finished at: 2025-04-10T16:26:22-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.8.1:testCompile (default-testCompile) on project testes_llms: Compilation failure: Compilation failure:
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek5CharRangeTest.java:[355,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek5CharRangeTest.java:[356,28] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] /home/fernando/IdeaProjects/testes_llms/src/test/java/experimento/deepseek/charrange/DeepSeek5CharRangeTest.java:[368,27] CharRange(char,char,boolean) has private access in experimento.deepseek.charrange.CharRange
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```



## Range Class

### Test: DeepSeek1RangeTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek1RangeTest$EdgeCaseTests.testCustomComparatorWithNulls:410 expected: <true> but was: <false>
[ERROR]   DeepSeek1RangeTest$VerificationTests.testElementCompareTo:141 expected: <1> but was: <-1>
[ERROR]   DeepSeek1RangeTest$VerificationTests.testElementCompareTo:141 expected: <-1> but was: <1>
[INFO]
[ERROR] Tests run: 61, Failures: 3, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.379 s
[INFO] Finished at: 2025-04-10T19:11:35-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek2RangeTest

```
[INFO]
[ERROR] Tests run: 80, Failures: 7, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.418 s
[INFO] Finished at: 2025-04-10T19:16:59-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek5RangeTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek5RangeTest$UtilityTests.testToString:269 expected: <Range from 10 to 20 with comparator> but was: <Range from 10 to 20 with comparator INSTANCE>
[ERROR]   DeepSeek5RangeTest$VerificationTests.testElementCompareTo:109 expected: <1> but was: <-1>
[INFO]
[ERROR] Tests run: 21, Failures: 2, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.418 s
[INFO] Finished at: 2025-04-10T19:24:29-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Fraction Class

### Test: DeepSeek1FractionTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek1FractionTest.toString_shouldReturnProperRepresentation:245 expected: <1/2> but was: <1 / 2>
[ERROR] Errors:
[ERROR]   DeepSeek1FractionTest.longValue_shouldConvertToLong:189 » FractionConversion illegal state: OverFlow trying to convert 4,611,686,018,427,387,900 to fraction (4,611,686,018,427,387,904/1)
[INFO]
[ERROR] Tests run: 45, Failures: 1, Errors: 1, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.612 s
[INFO] Finished at: 2025-04-11T15:44:35-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek2FractionTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek2FractionTest.testConstructorDoubleNonTerminating:313 Expected experimento.deepseek.fraction.FractionConversionException to be thrown, but nothing was thrown.
[INFO]
[ERROR] Tests run: 48, Failures: 1, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.585 s
[INFO] Finished at: 2025-04-11T15:48:10-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

### Test: DeepSeek3FractionTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek3FractionTest.add_shouldHandleOverflow:335 Expected org.apache.commons.math3.exception.MathArithmeticException to be thrown, but nothing was thrown.
[ERROR]   DeepSeek3FractionTest.constructorIntInt_shouldThrowWhenDenominatorZero:41 expected: <ZERO_DENOMINATOR_IN_FRACTION> but was: <zero denominator in fraction 1/0>
[ERROR]   DeepSeek3FractionTest.divide_shouldThrowWhenDividingByZero:141 expected: <ZERO_FRACTION_TO_DIVIDE_BY> but was: <the fraction to divide by must not be zero: 0/1>
[ERROR] Errors:
[ERROR]   DeepSeek3FractionTest.longValue_shouldReturnTruncatedValue:259 » FractionConversion illegal state: OverFlow trying to convert 4,611,686,018,427,387,900 to fraction (4,611,686,018,427,387,904/1)
[INFO]
[ERROR] Tests run: 56, Failures: 3, Errors: 1, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.796 s
[INFO] Finished at: 2025-04-11T15:50:11-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```



## Test: DeepSeek4FractionTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Errors:
[ERROR]   DeepSeek4FractionTest.longValue_shouldConvertToLong:195 » FractionConversion illegal state: Overflow trying to convert 4,611,686,018,427,387,900 to fraction (4,611,686,018,427,387,904/1)
[INFO]
[ERROR] Tests run: 45, Failures: 0, Errors: 1, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.629 s
[INFO] Finished at: 2025-04-11T15:52:35-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms:
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```

## Test: DeepSeek5FractionTest

```
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR]   DeepSeek5FractionTest.add_shouldHandleOverflow:89 Expected org.apache.commons.math3.exception.MathArithmeticException to be thrown, but nothing was throw
[ERROR] Errors:
[ERROR]   DeepSeek5FractionTest.constructorIntInt_shouldHandleMinValueEdgeCases:43 » MathArithmetic overFlow in fraction -1,073,741,824/-2,147,483,648, cannot nega
[INFO]
[ERROR] Tests run: 48, Failures: 1, Errors: 1, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.570 s
[INFO] Finished at: 2025-04-11T15:54:27-03:00
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:3.0.0-M7:test (default-test) on project testes_llms: There are test failures.
[ERROR]
[ERROR] Please refer to /home/fernando/IdeaProjects/testes_llms/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
```