

Test Plan Documentation

Base comparison: Expected Results come from input the desired numbers at <https://lingojam.com/NumbersToWords> and the answers from that website are copied and modified a bit only on currency name (e.g: add 'Dollar(s)' and 'Cents') and comma (',') after certain number scale (thousand,million). Example: 123456 → one hundred and twenty-three thousand four hundred and fifty-six → ONE HUNDRED AND TWENTY-THREE THOUSAND, FOUR HUNDRED AND FIFTY-SIX DOLLARS. Thus, we compared the expected result and result that was generated from the program. Test will be successful if the comparison is matched, otherwise it will fail. Examples can be seen below:

A. Test #DollarsAndCents

Input:

123,45

Expected Result:

ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS

Result:

ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS

Conclusion:

Passed

B. Test #MillionDollars

Input:

123.456.789

Expected Result:

ONE HUNDRED AND TWENTY-THREE MILLION, FOUR HUNDRED AND FIFTY-SIX THOUSAND, SEVEN HUNDRED AND EIGHTY-NINE DOLLARS

Result:

ONE HUNDRED AND TWENTY-THREE MILLION, FOUR HUNDRED AND FIFTY-SIX THOUSAND, SEVEN HUNDRED AND EIGHTY-NINE DOLLARS

Conclusion:

Passed

C. Test #BillionDollars

Input:

95.258.676.438,23

Expected Result:

NINETY-FIVE BILLION, TWO HUNDRED AND FIFTY-EIGHT MILLION, SIX HUNDRED AND SEVENTY-SIX THOUSAND, FOUR HUNDRED AND THIRTY-EIGHT DOLLARS AND TWENTY-THREE CENTS

Result:

NINETY-FIVE BILLION, TWO HUNDRED AND FIFTY-EIGHT MILLION, SIX HUNDRED AND SEVENTY-SIX THOUSAND, FOUR HUNDRED AND THIRTY-EIGHT DOLLARS AND TWENTY-THREE CENTS

Conclusion:

Passed

D. Test #Random

Input:

28012020

Expected Result:

TWENTY-EIGHT MILLION, TWELVE THOUSAND, TWENTY DOLLARS

Result:

TWENTY-EIGHT MILLION, TWELVE THOUSAND, TWENTY DOLLARS

Conclusion:

Passed

E. Test #TrillionDollarsAndCents

Input:

123231312456564,64

Expected Result:

ONE HUNDRED AND TWENTY-THREE TRILLION, TWO HUNDRED AND THIRTY-ONE BILLION,
THREE HUNDRED AND TWELVE MILLION, FOUR HUNDRED AND FIFTY-SIX THOUSAND, FIVE
HUNDRED AND SIXTY-FOUR DOLLARS AND SIXTY-FOUR CENTS

Result:

ONE HUNDRED AND TWENTY-THREE TRILLION, TWO HUNDRED AND THIRTY-ONE BILLION,
THREE HUNDRED AND TWELVE MILLION, FOUR HUNDRED AND FIFTY-SIX THOUSAND, FIVE
HUNDRED AND SIXTY-FOUR DOLLARS AND SIXTY-FOUR CENTS

Conclusion:

Passed