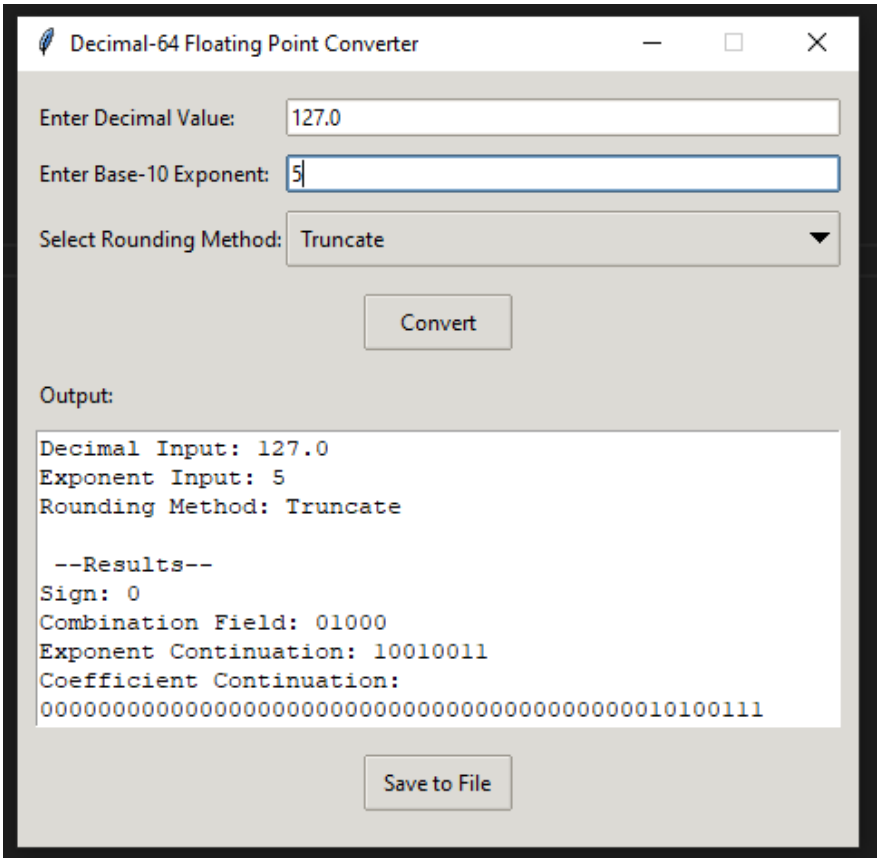
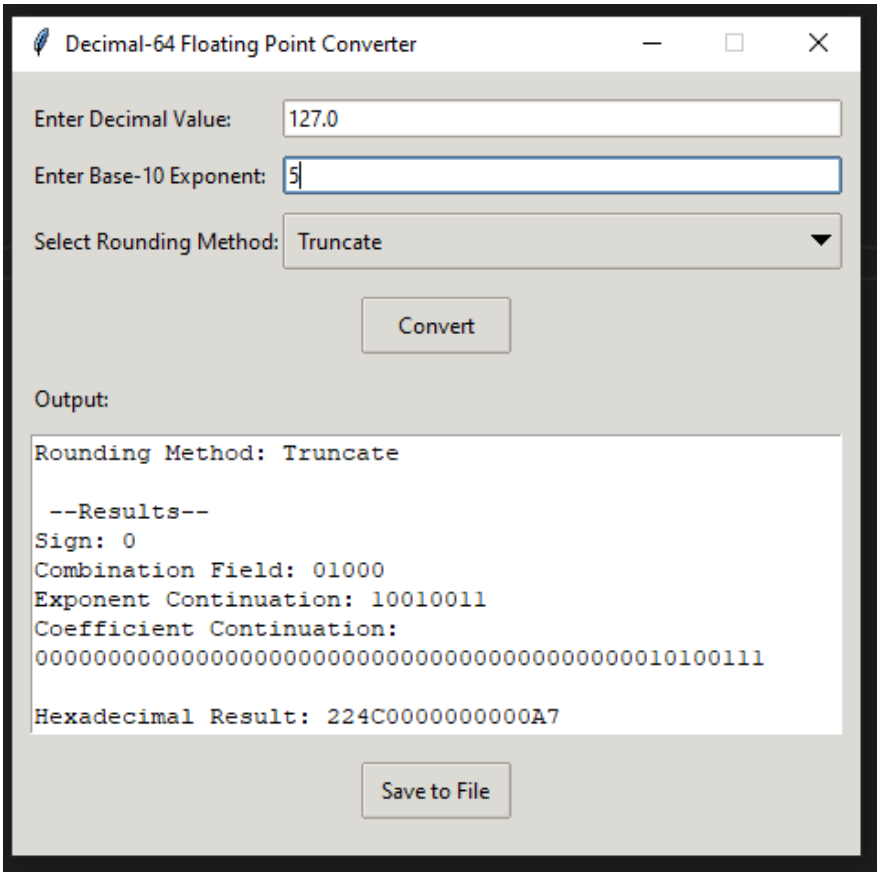
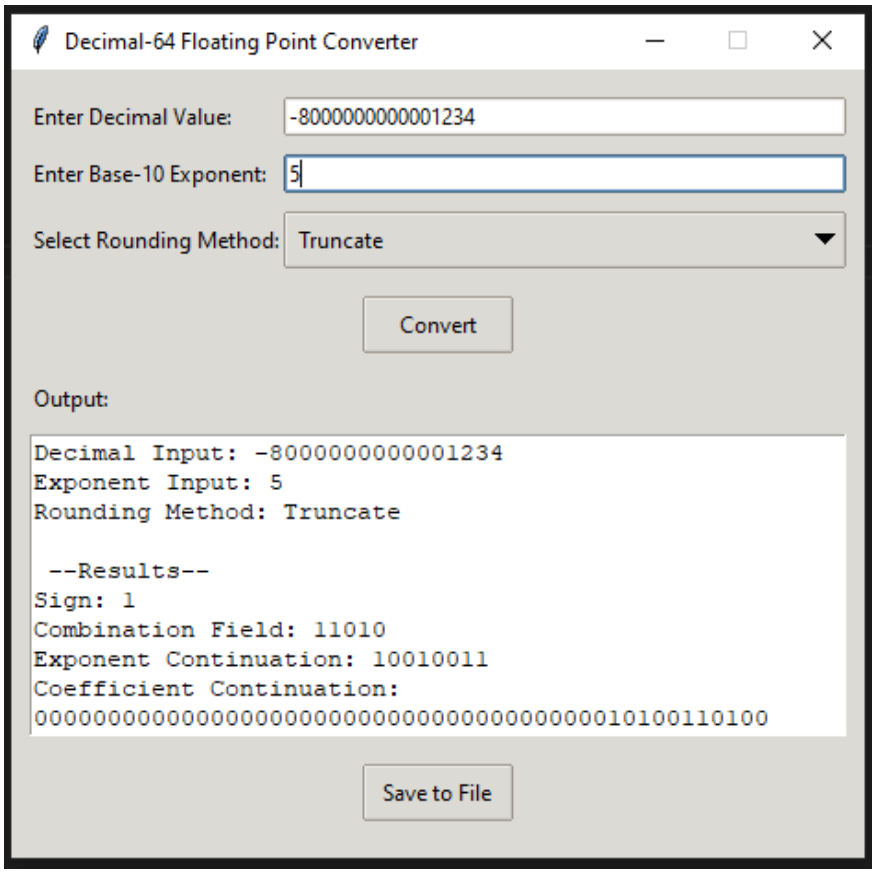
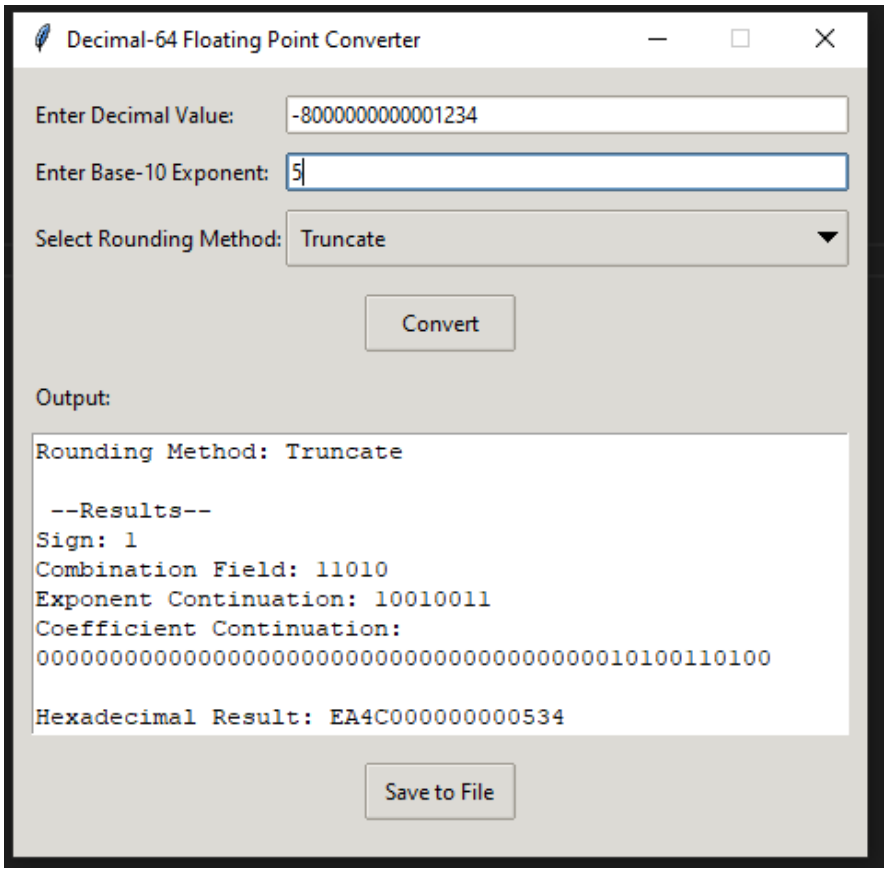
Normal positive Input with less than 16 digits and minor number MSD
Decimal: 127.0
Exponent: 5



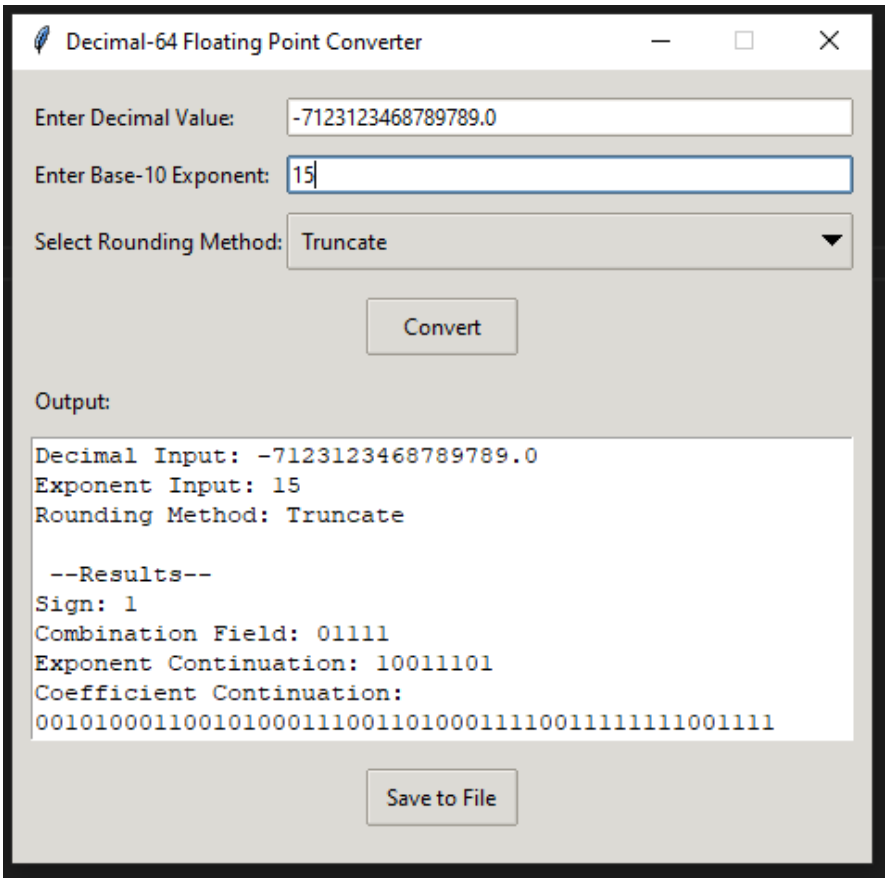


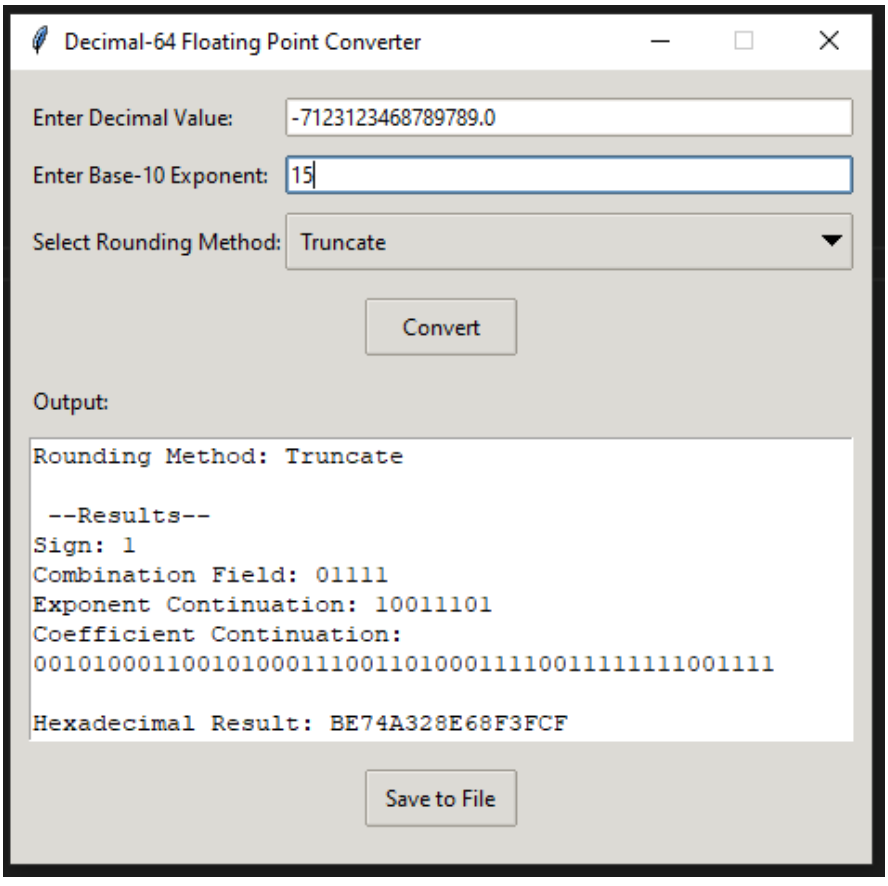
Normal negative input with 16 digits and Major Number for MSD
Decimal: -8000000000001234
Exponent: 5



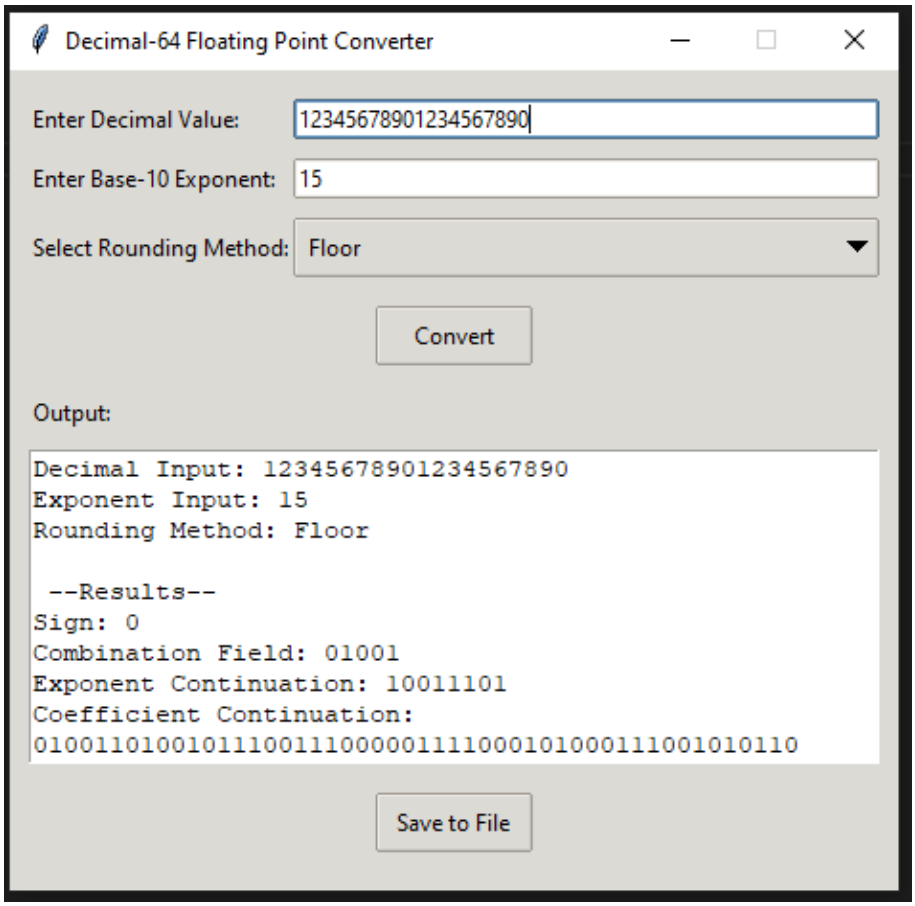


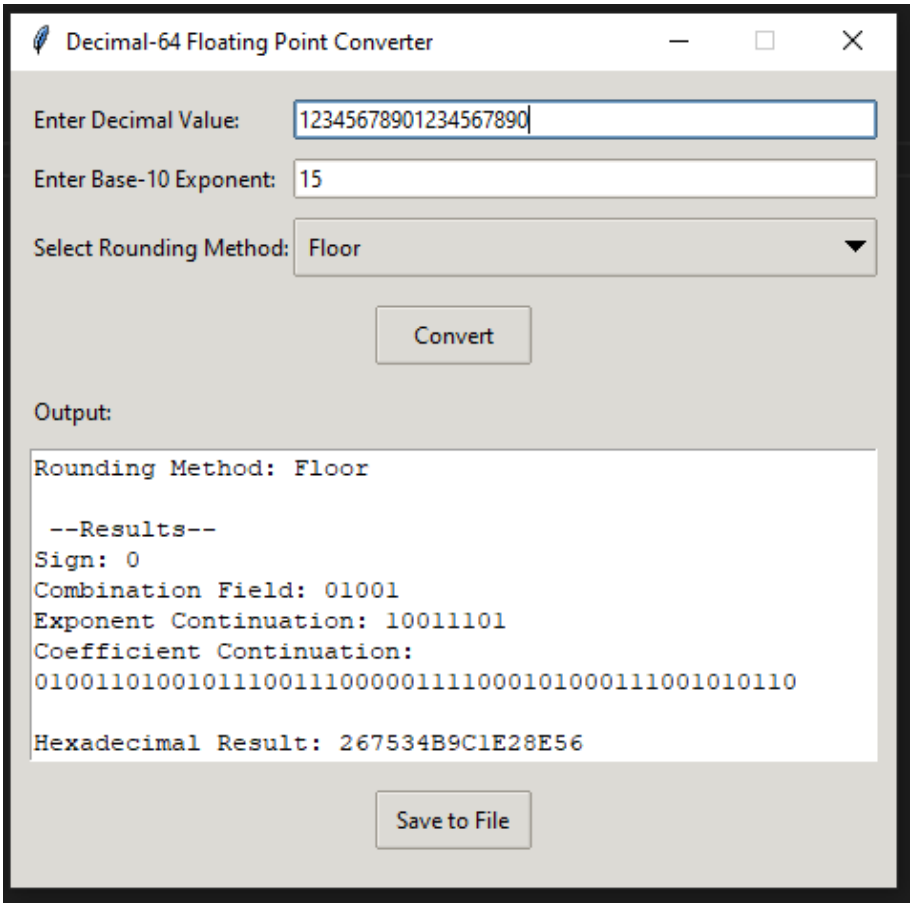
Normal negative input containing coefficient decimals with no major, 1 major, and 2 major decimal numbers
Decimal: -7123123468789789.0
Exponent: 15



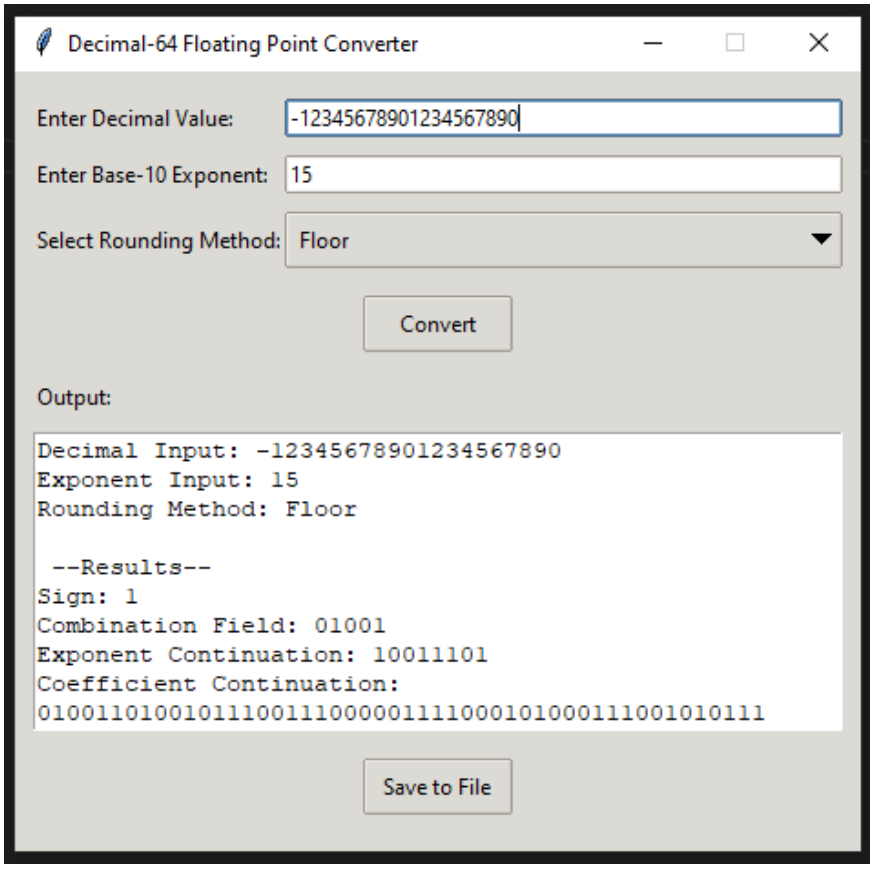


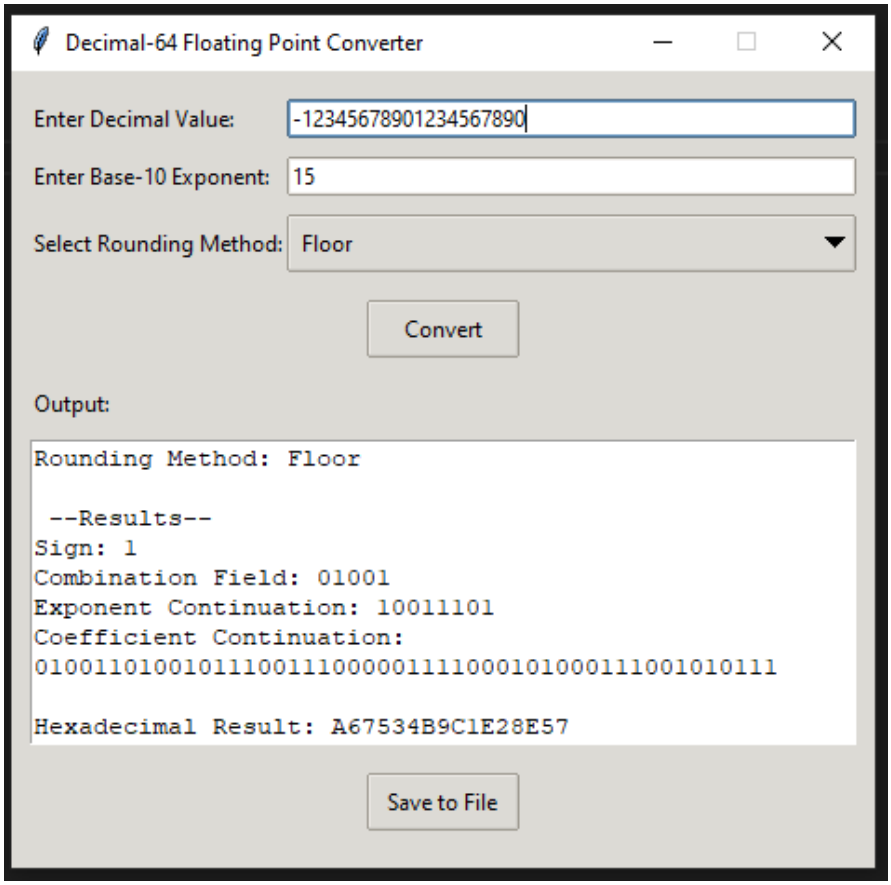
Floor and Positive
Decimal: 12345678901234567890
Exponent: 15



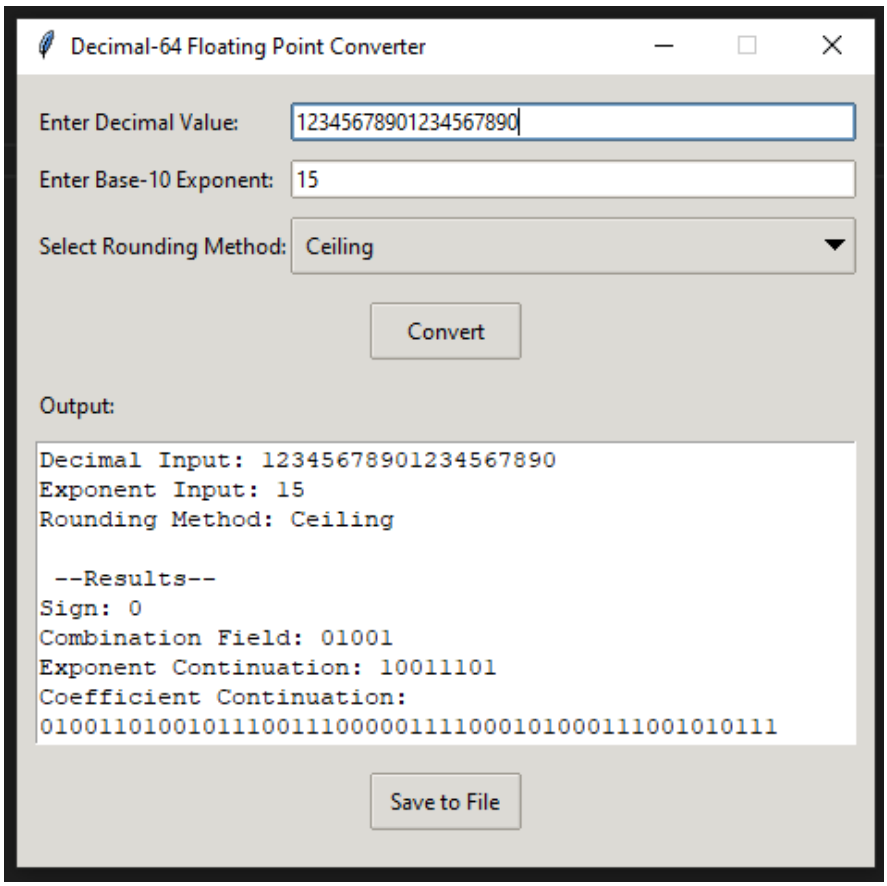


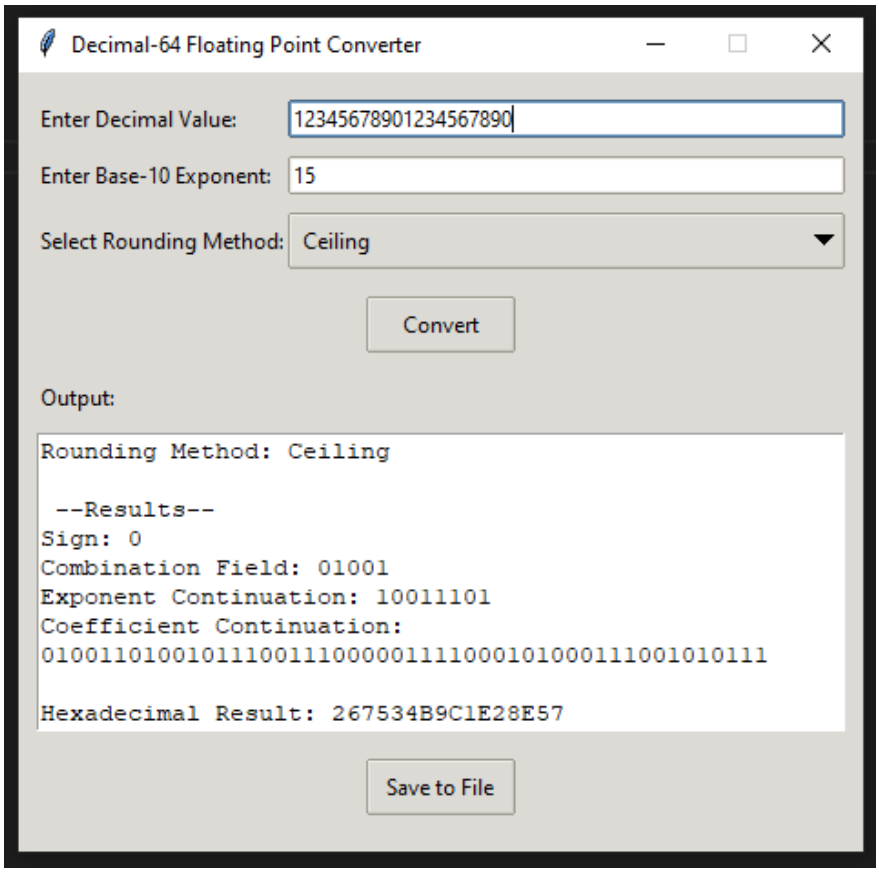
Floor and Negative
Decimal: -12345678901234567890
Exponent: 15



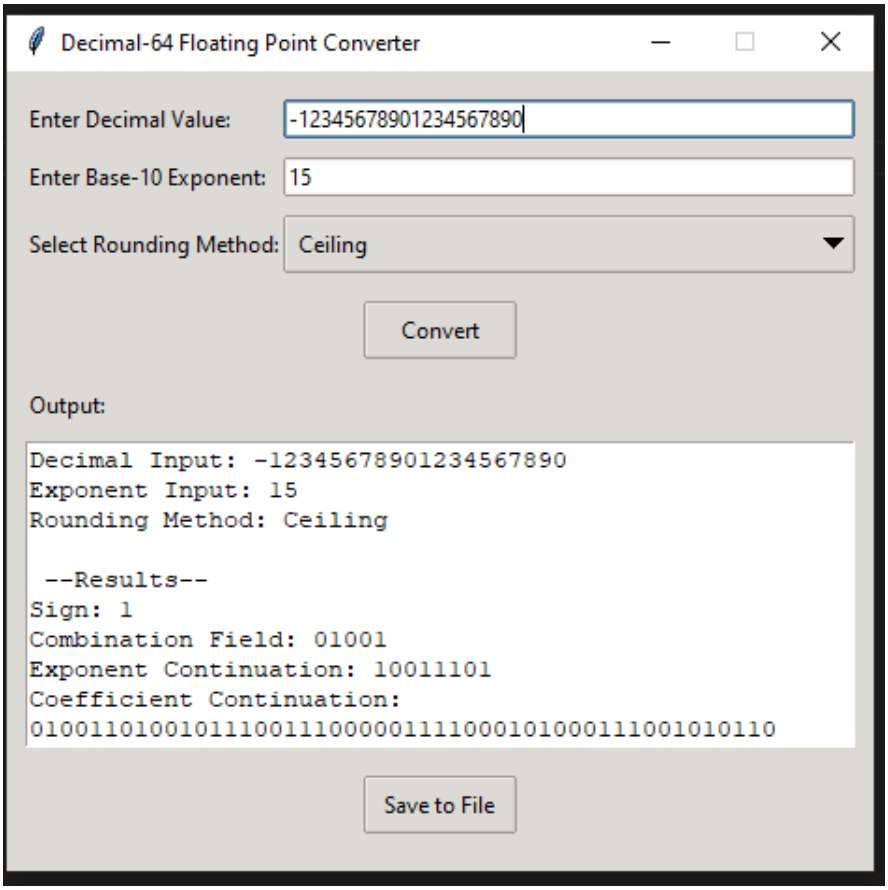


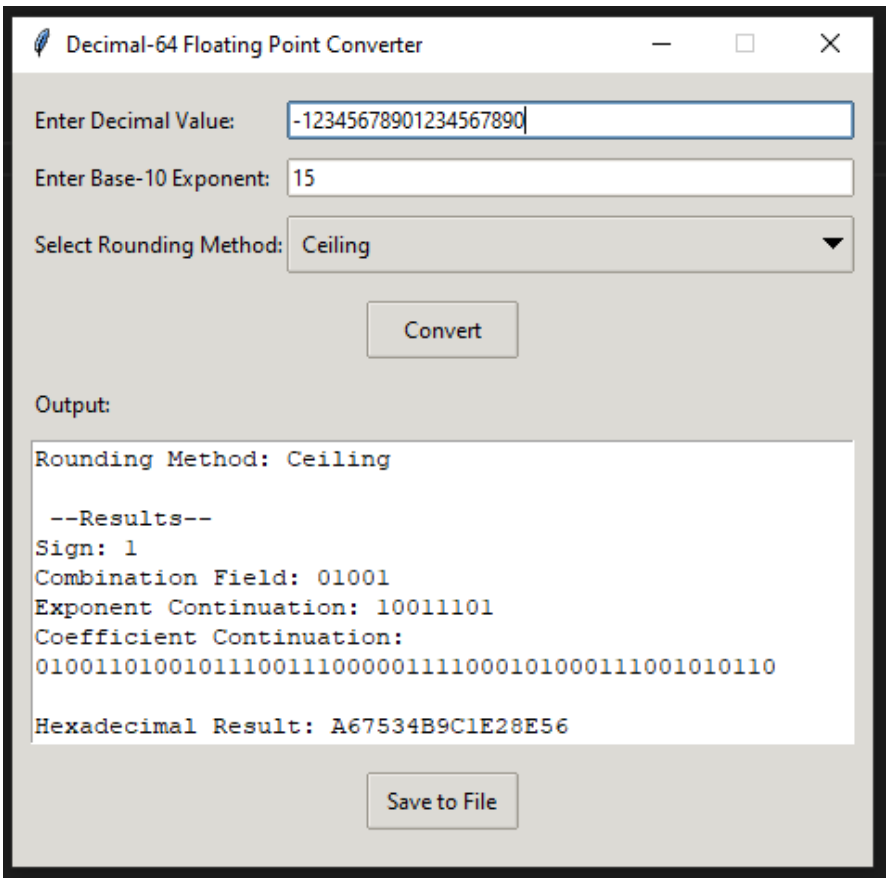
Ceiling and Positive
Decimal: 12345678901234567890
Exponent: 15



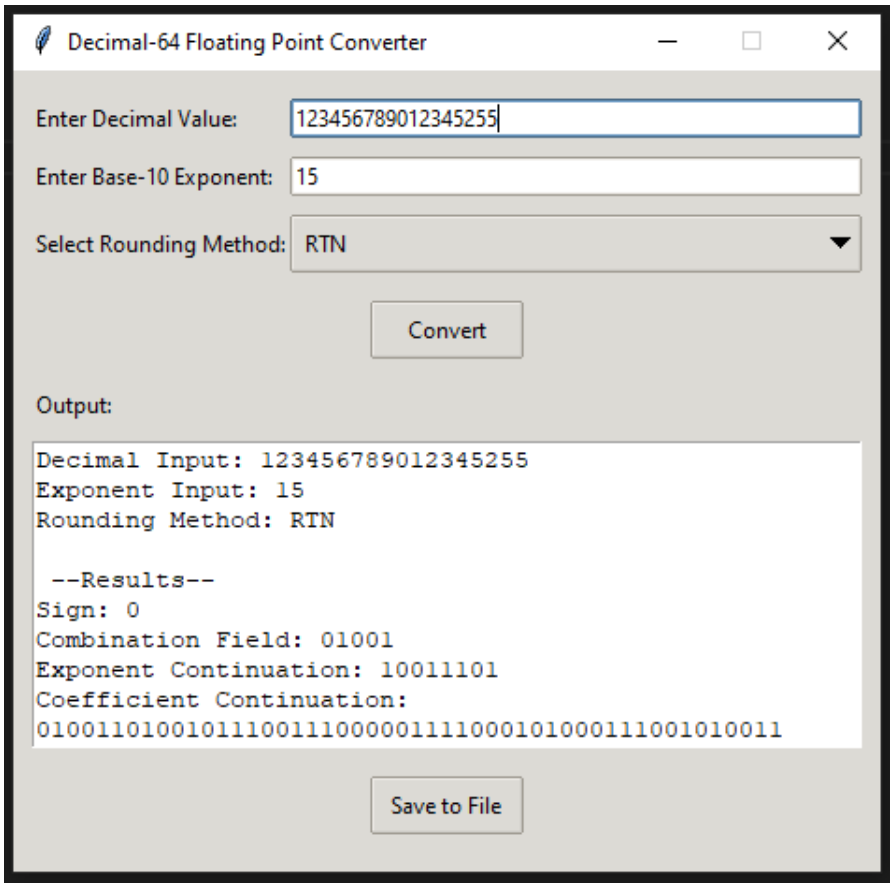


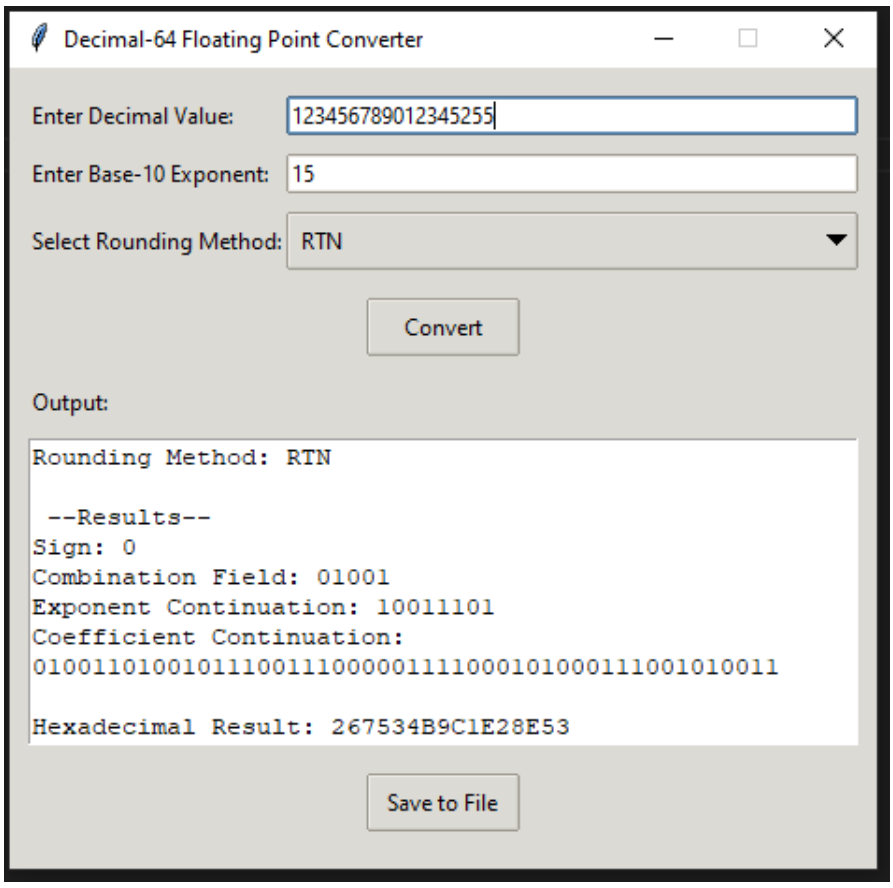
Ceiling and Negative
Decimal: -12345678901234567890
Exponent: 15



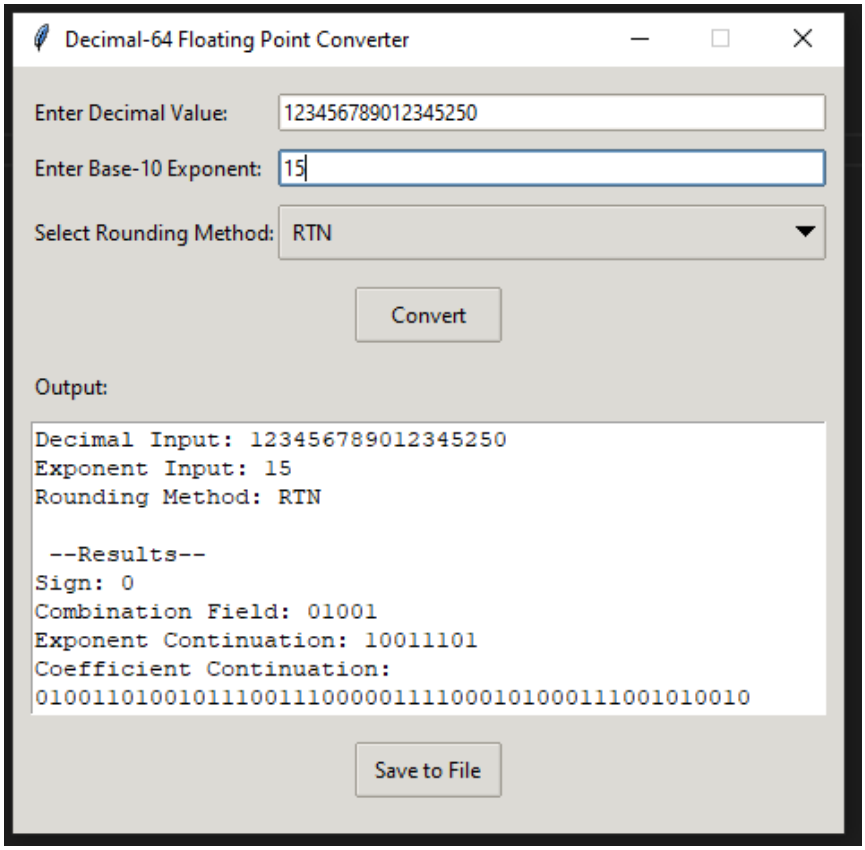


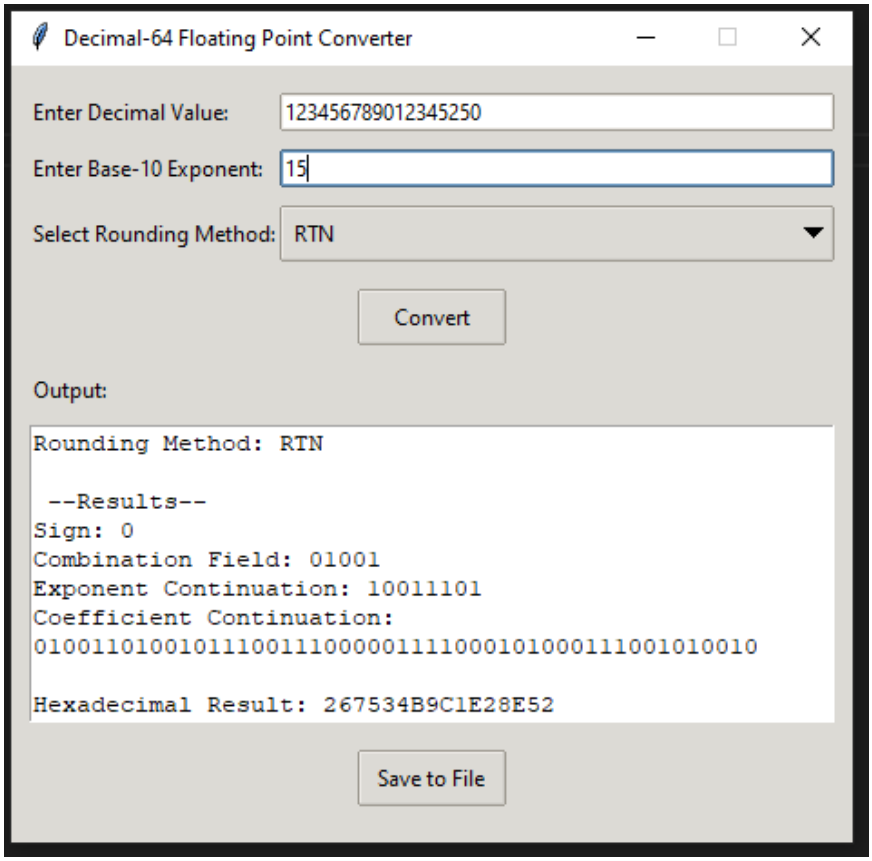
RTN and greater than half
Decimal: 123456789012345255
Exponent: 15



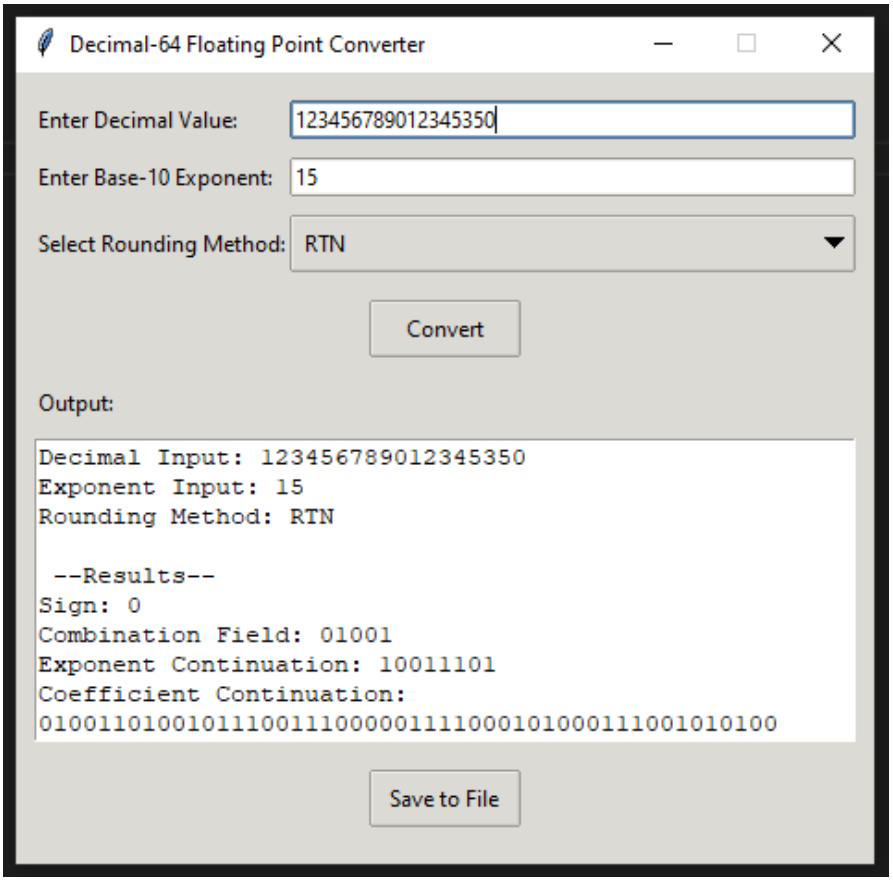


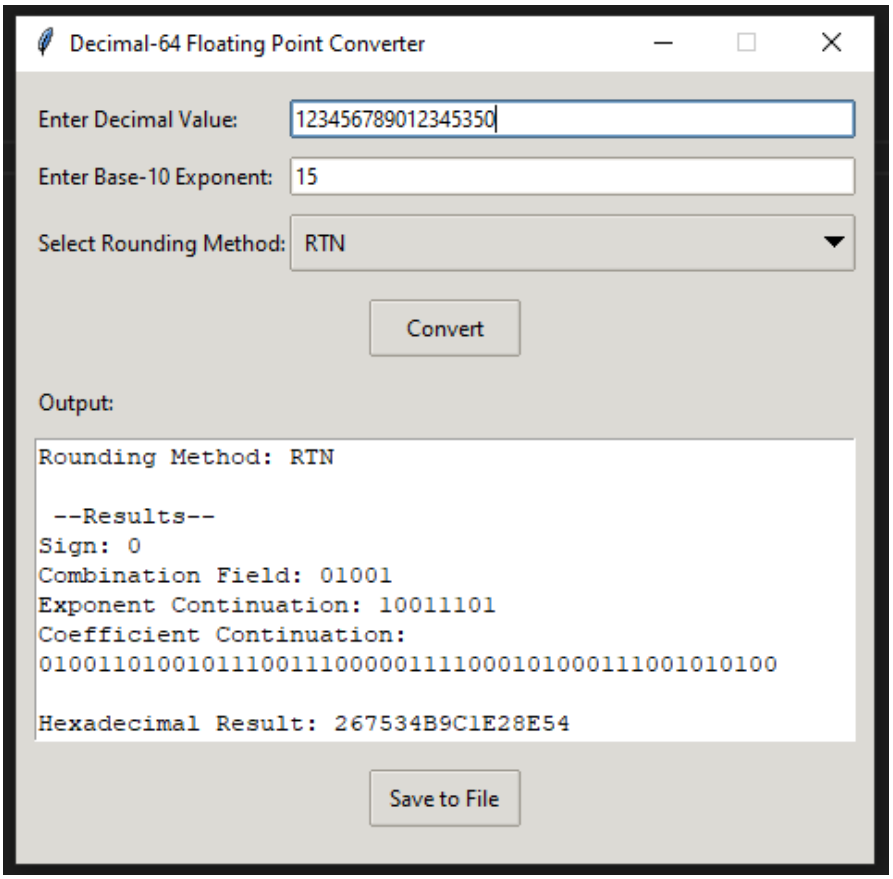
RTN and equal to half with even last digit
Decimal: 123456789012345250
Exponent: 15



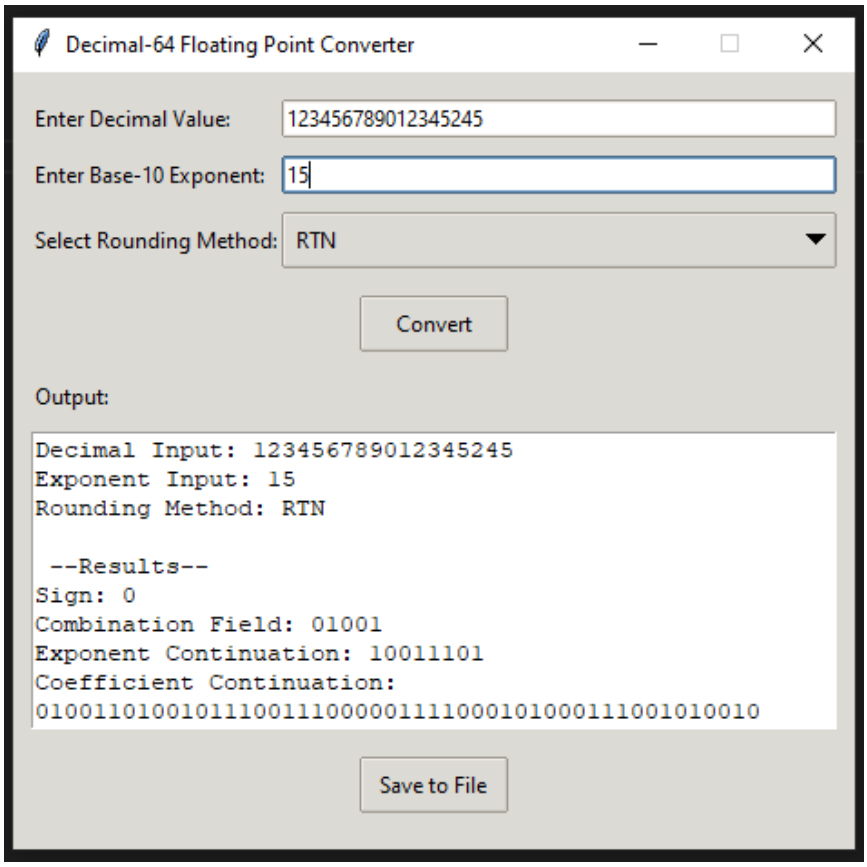


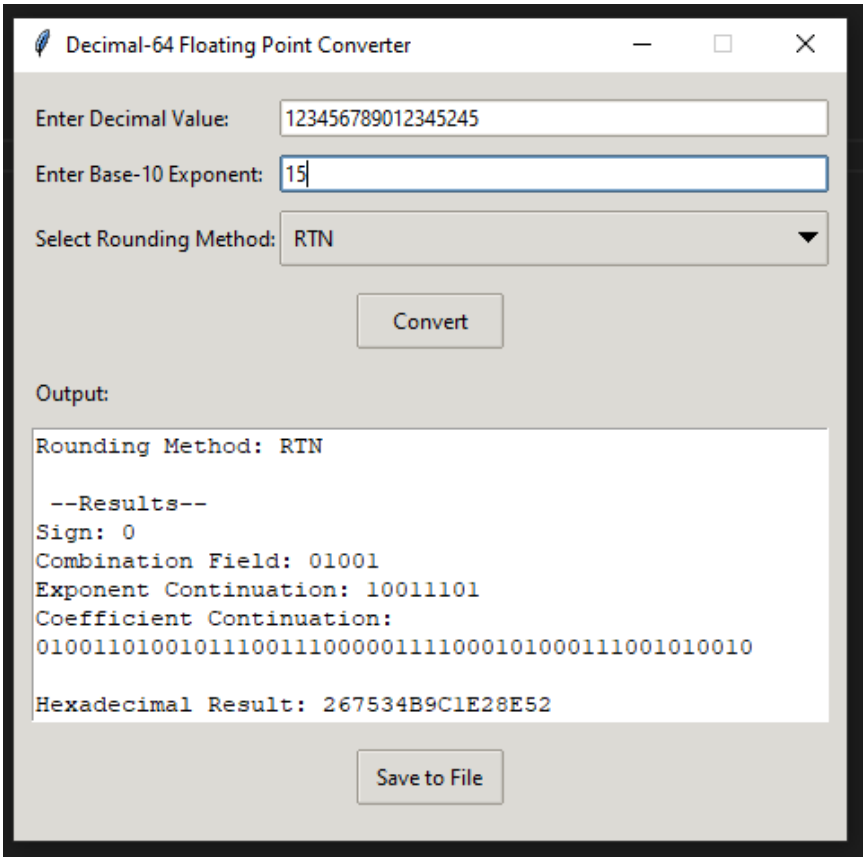
RTN and equal to half with odd last digit
Decimal: 123456789012345350
Exponent: 15



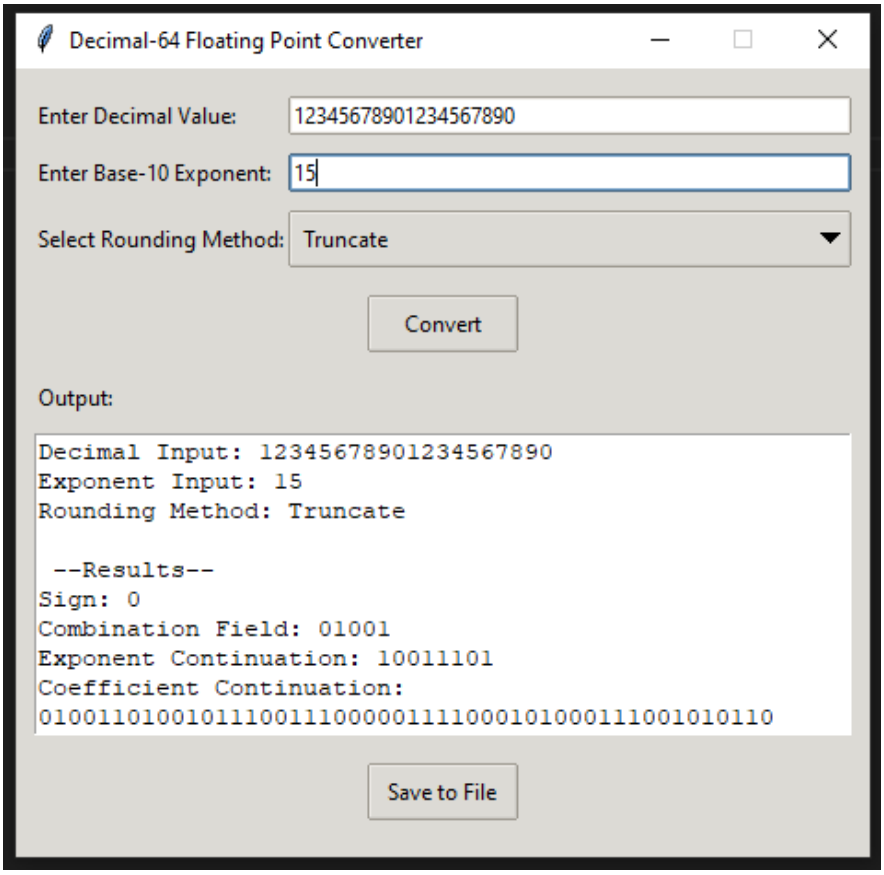


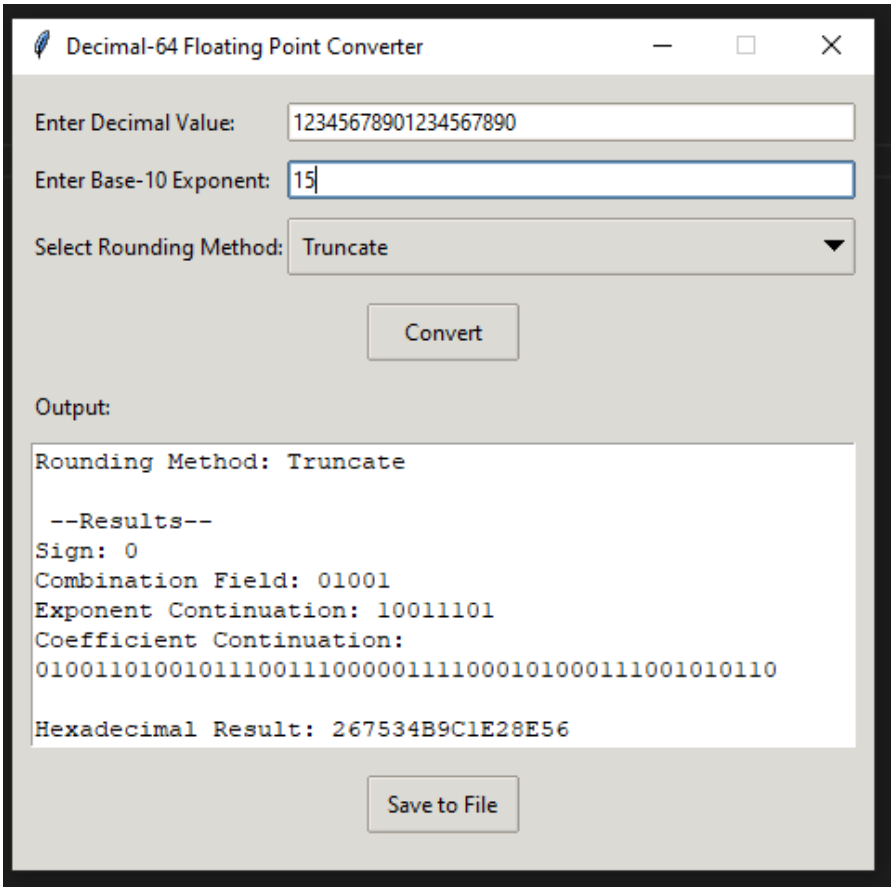
RTN and less than half
Decimal: 123456789012345245
Exponent: 15



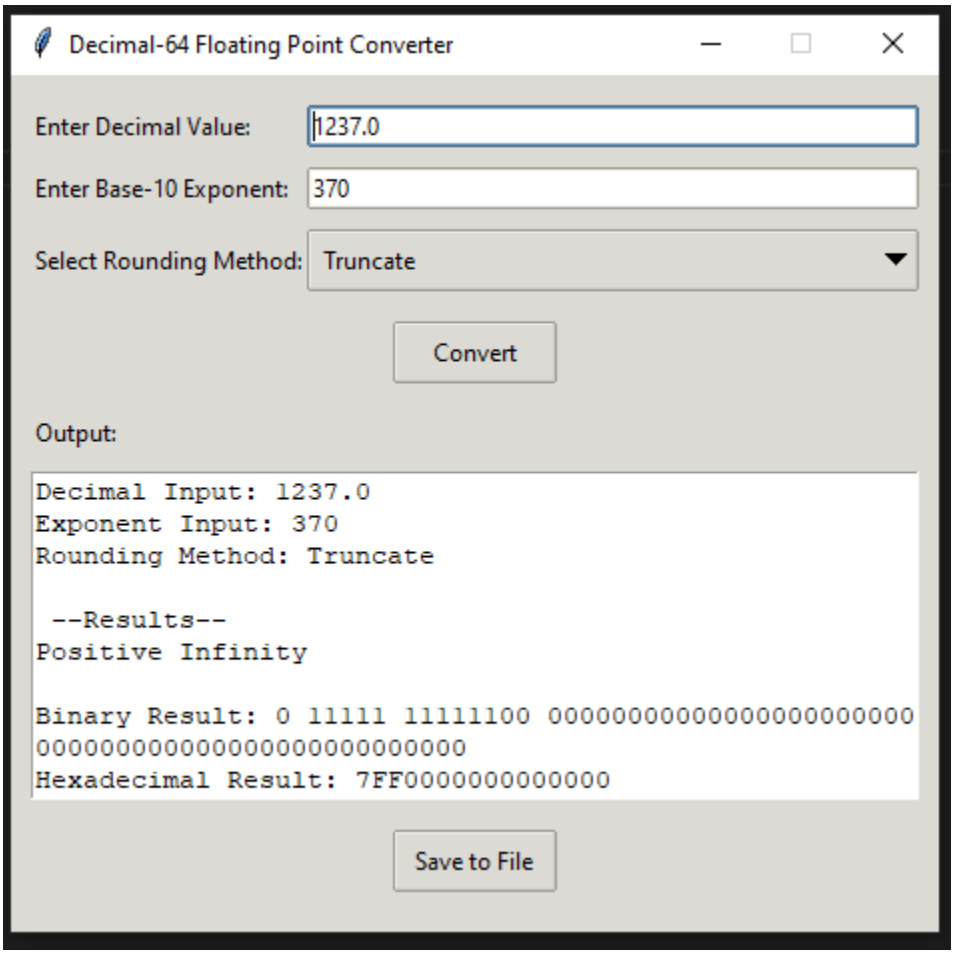


Truncate
Decimal: 12345678901234567890
Exponent: 15

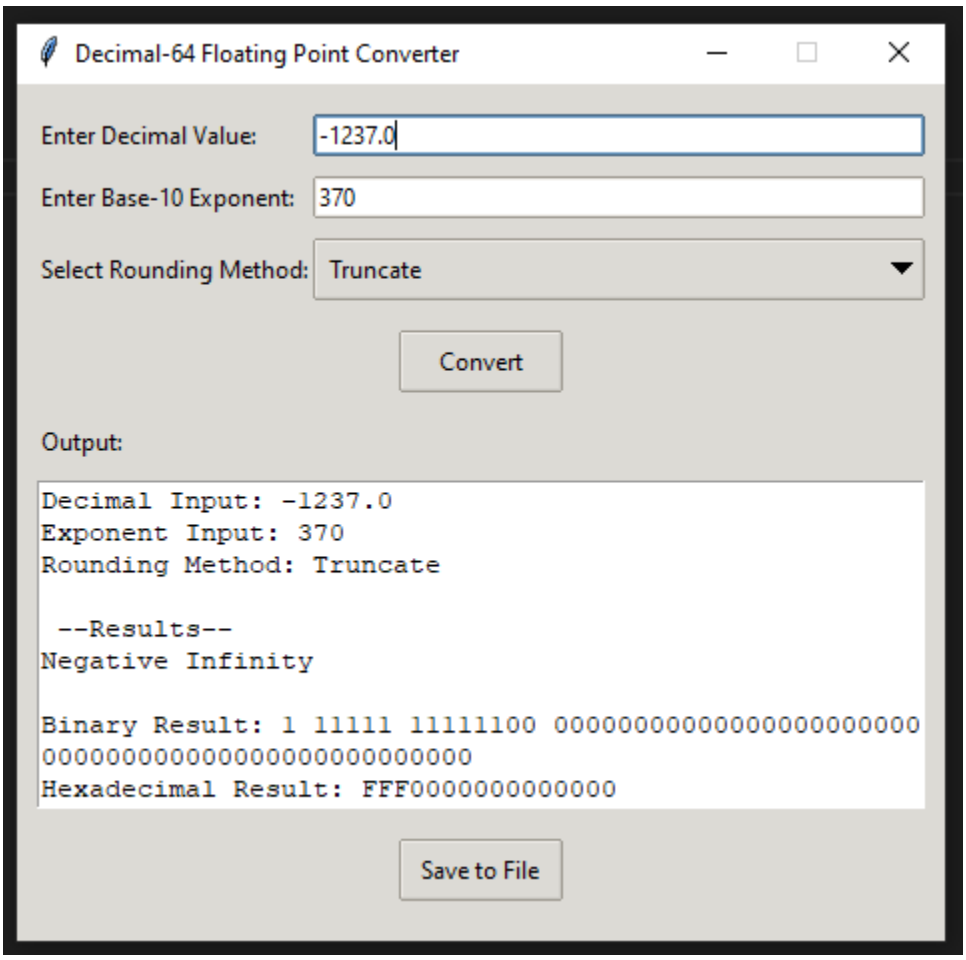




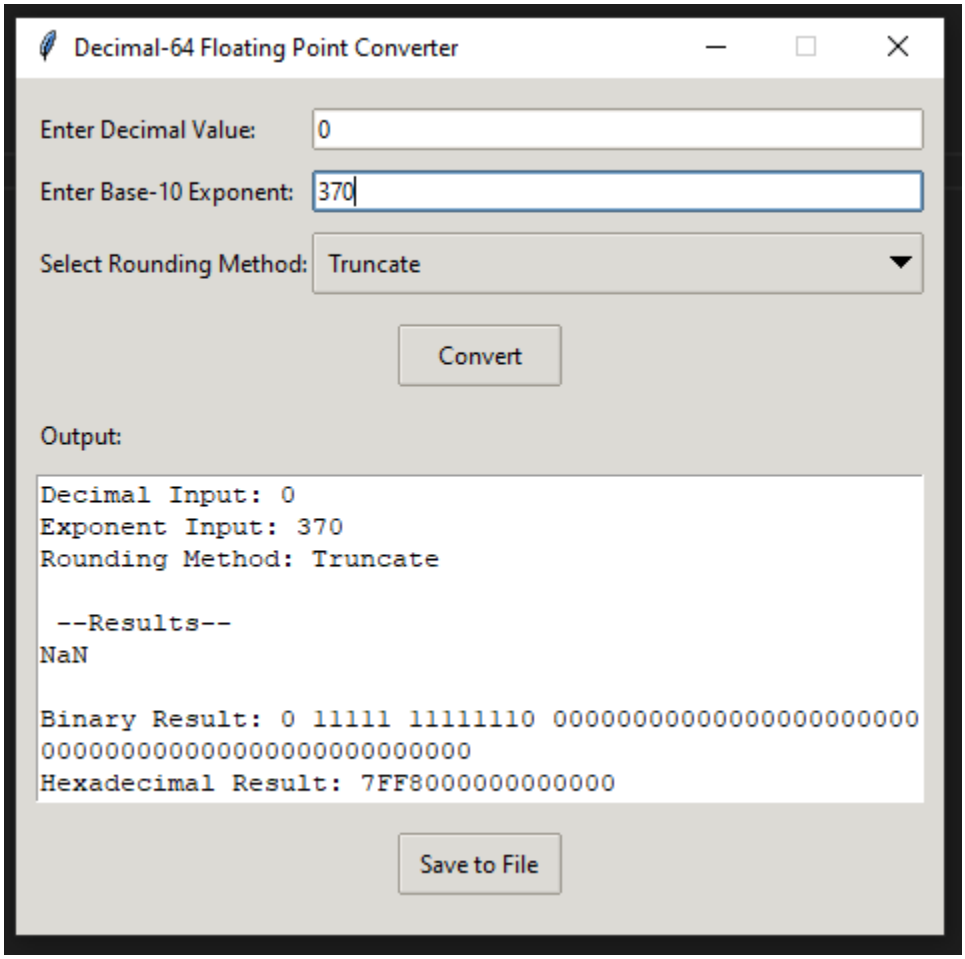
Positive Infinity
Decimal: 1237.0
Exponent: 370



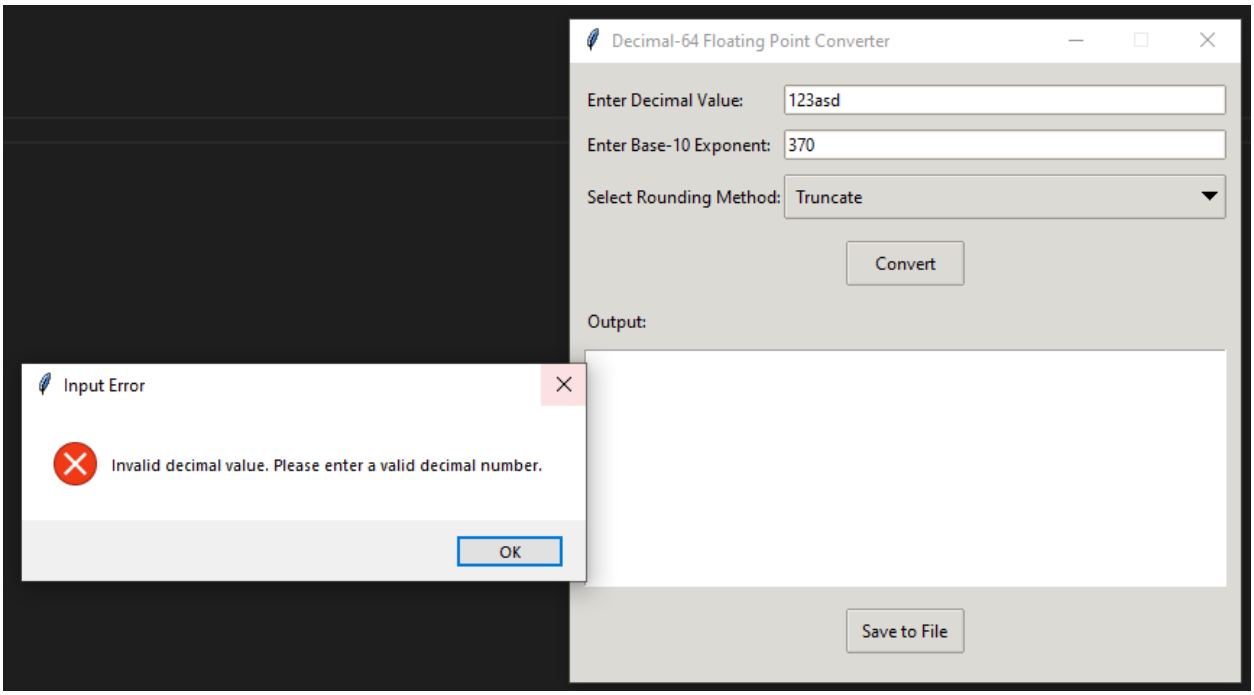
Negative Infinity
Decimal: -1237.0
Exponent: 370



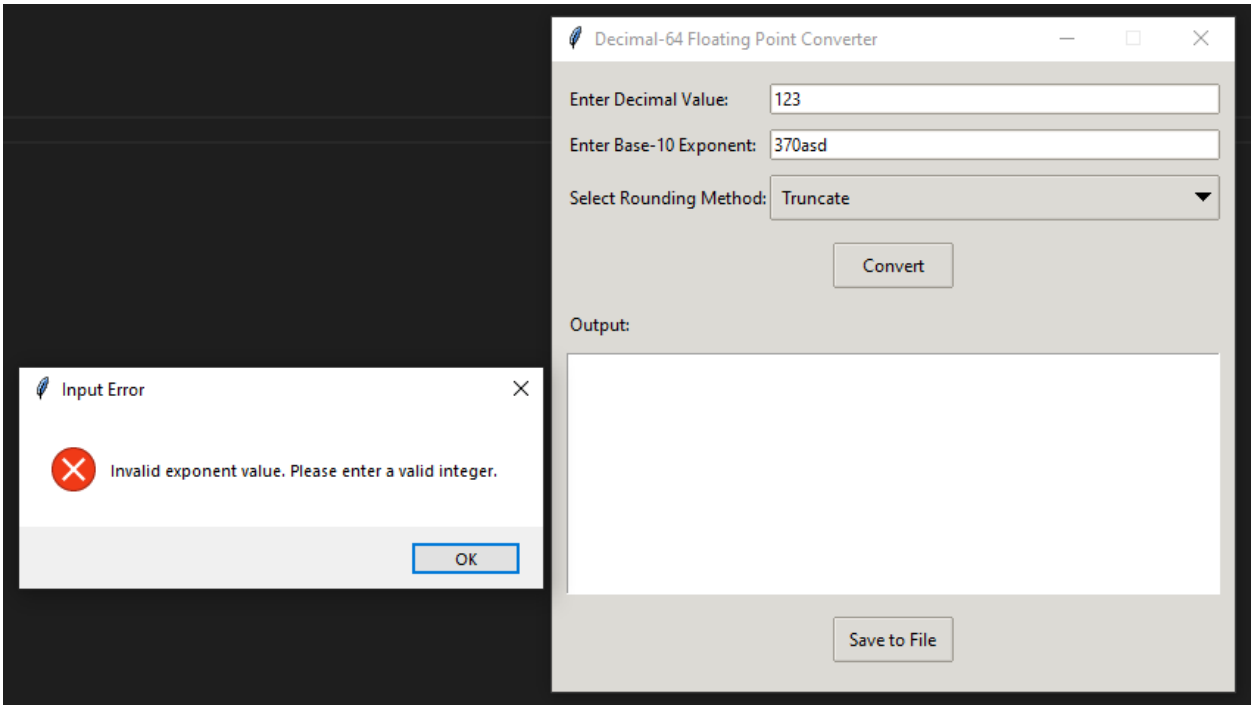
NaN
Decimal: 0
Exponent: 370



Invalid Input
Decimal: 123ad
Exponent: 370



Invalid Input
Decimal: 123
Exponent: 370asd



Invalid Input
Decimal: *empty*
Exponent: *empty*