QUIZ 4

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$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 1
  In base 2, 1 reads as 1
Incorrect encoding!
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 12345
  In base 2, 12345 reads as 11000000111001
Incorrect encoding!
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 3
  In base 2, 3 reads as 11
It encodes:  [1]
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: [1]
  In base 2, [1] reads as [1]
  It is encoded by 3
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 51315663
  In base 2, 51315663 reads as 11000011110000001111001111
  It encodes:  [4891]
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: [4891]
  In base 2, [4891] reads as [1001100011011]
  It is encoded by 51315663
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 424896
  In base 2, 424896 reads as 1100111101111000000
It encodes:  [11, 24]
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: [11, 24]
  In base 2, [11, 24] reads as [1011, 11000]
  It is encoded by 424896
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$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 857310204
  In base 2, 857310204 reads as 110011000110011000001111111100
It encodes:  [10, 20, 30]
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: [10, 20, 30]
  In base 2, [10, 20, 30] reads as [1010, 10100, 11110]
  It is encoded by 857310204
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: 13609683913728
  In base 2, 13609683913728 reads as 11000110000011000000011000000000110000000000
It encodes:  [2, 4, 8, 16, 32]
$ python3 quiz_4.py
Input either a strictly positive integer
or a nonempty list of strictly positive integers: [2, 4, 8, 16, 32]
  In base 2, [2, 4, 8, 16, 32] reads as [10, 100, 1000, 10000, 100000]
  It is encoded by 13609683913728
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