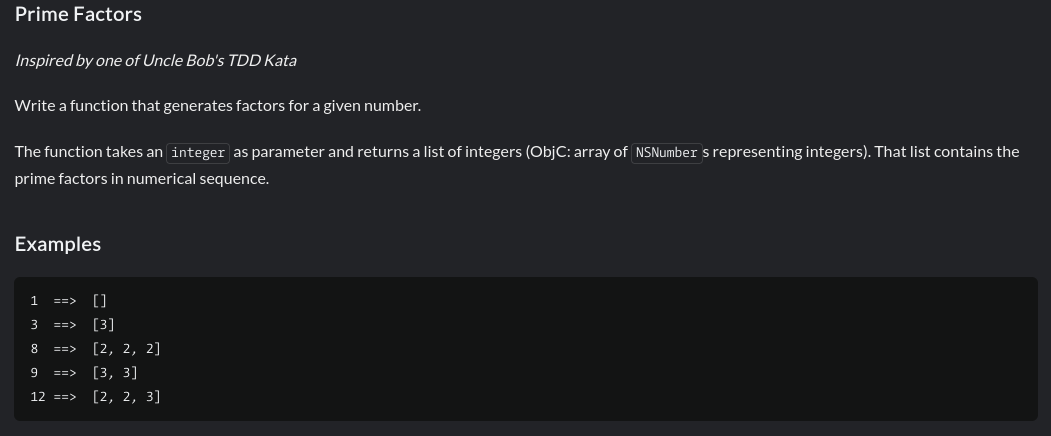
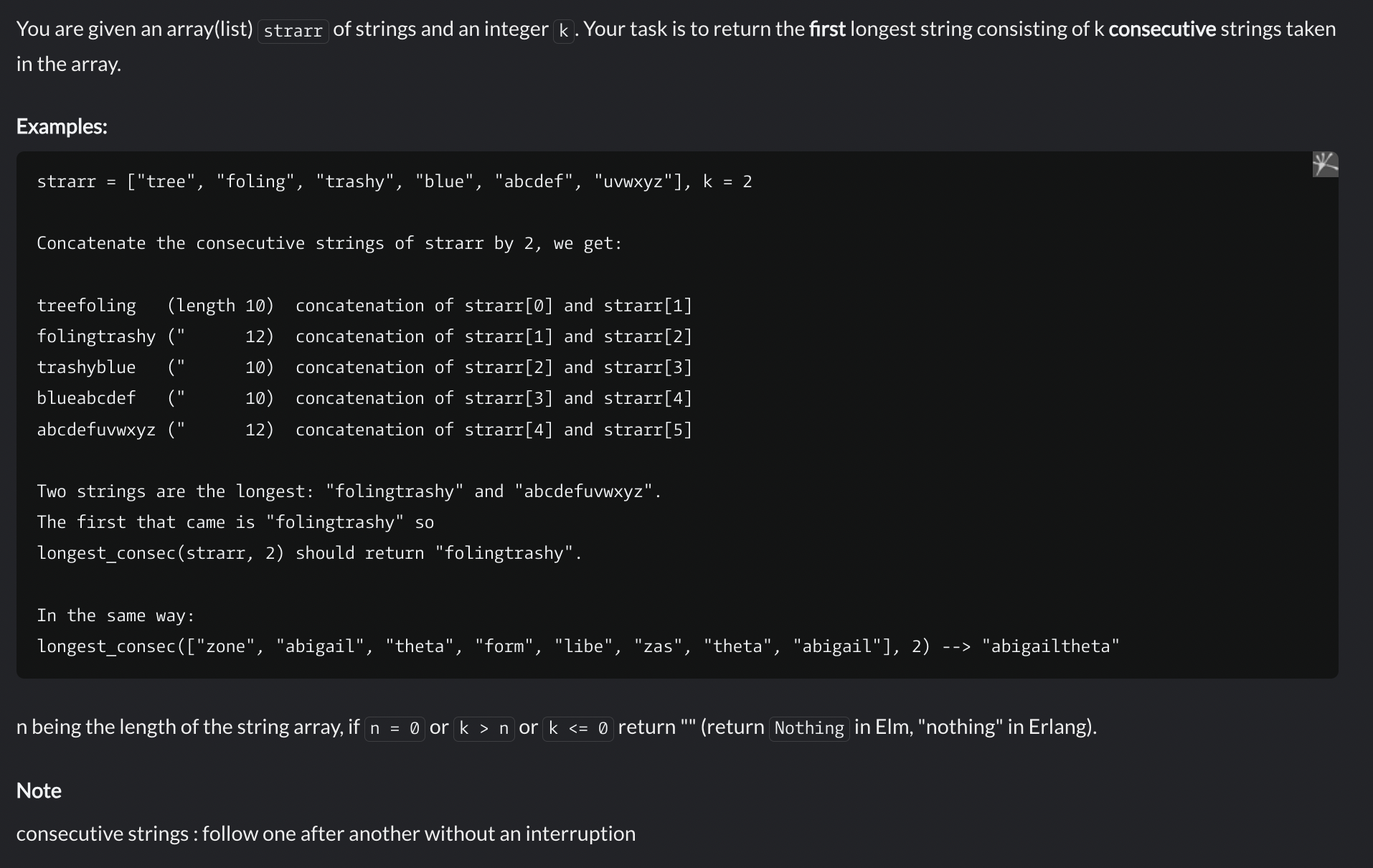
Q0.



Q1. 

Q2.

Parameter num and returns its multiplicative persistence, which is the number of times you must multiply the digits in num until you reach a single digit.

For example (Input --> Output):

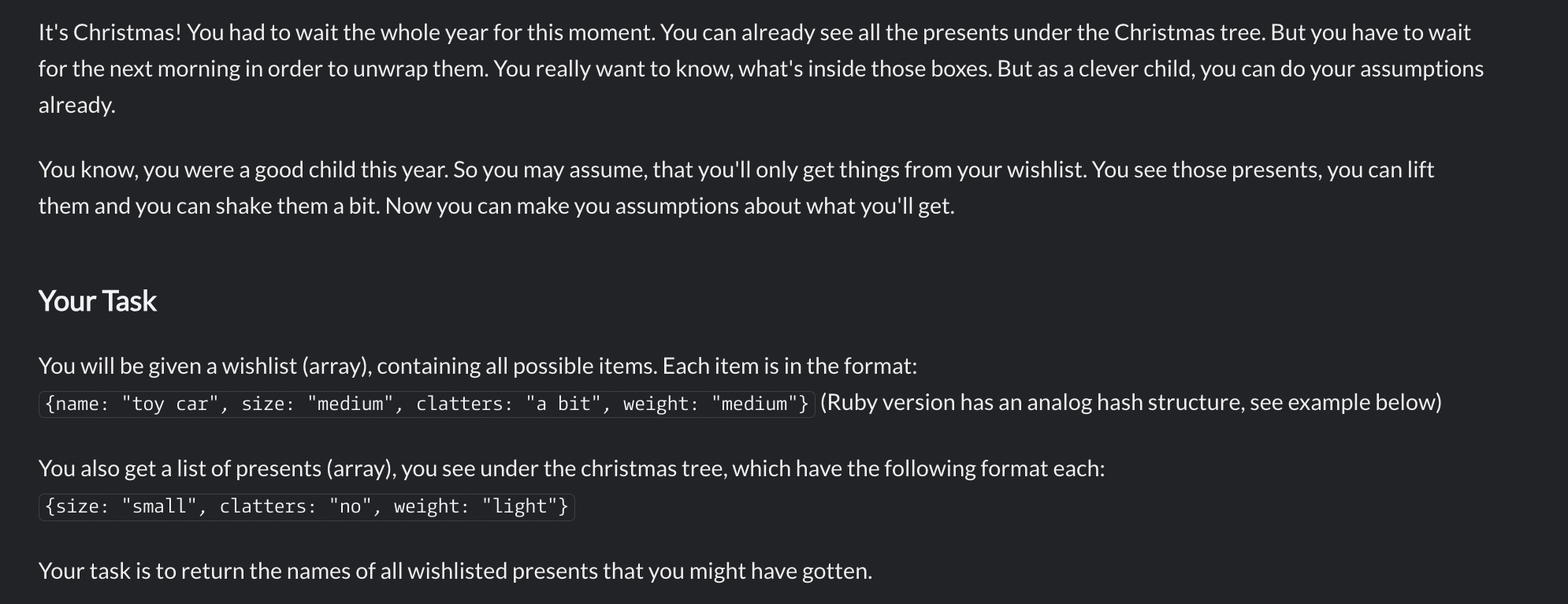
39 --> 3 (because 3\*9 = 27, 2\*7 = 14, 1\*4 = 4 and 4 has only one digit)

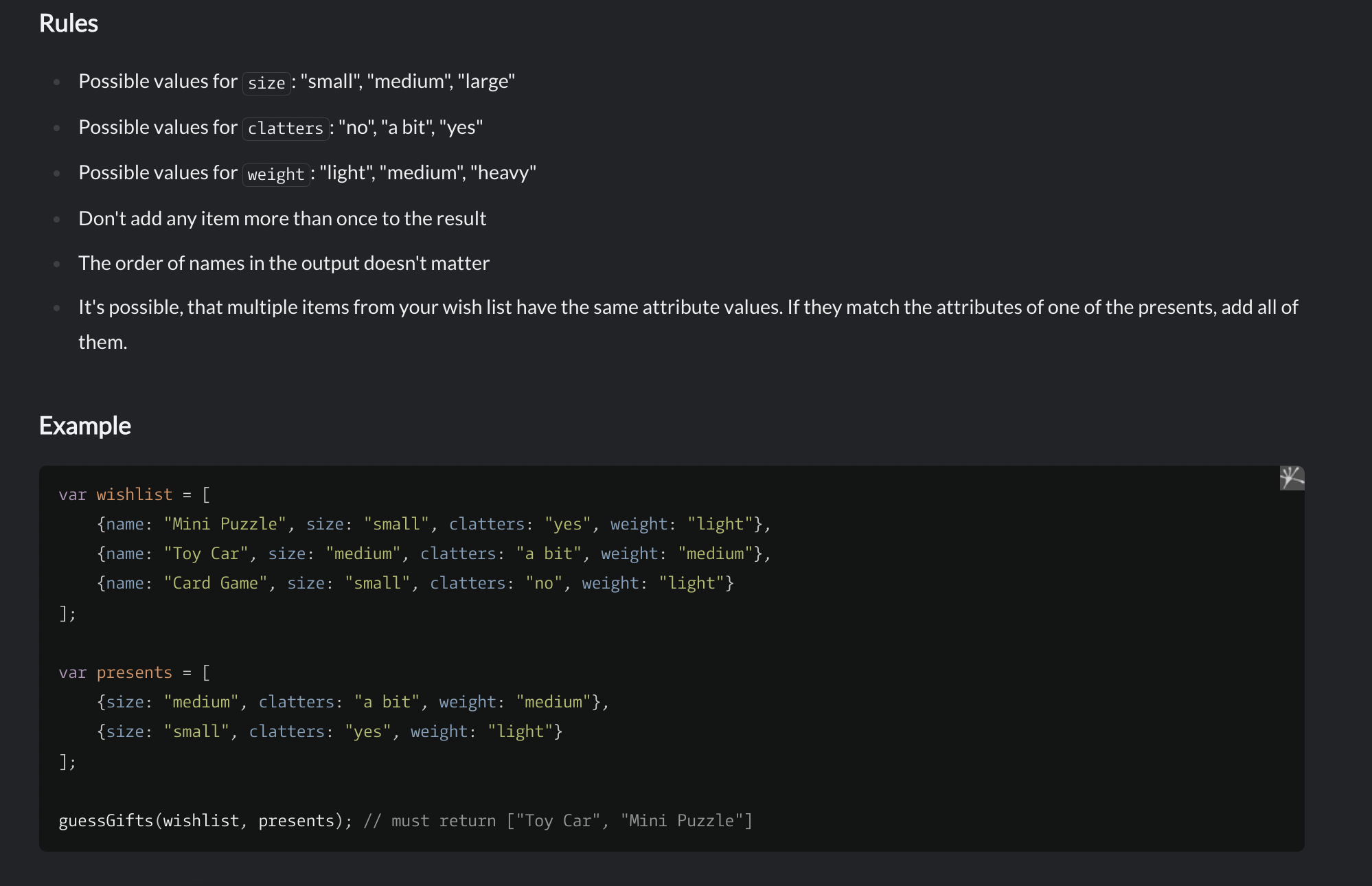
999 --> 4 (because 9\*9\*9 = 729, 7\*2\*9 = 126, 1\*2\*6 = 12, and finally 1\*2 = 2)

4 --> 0 (because 4 is already a one-digit number)

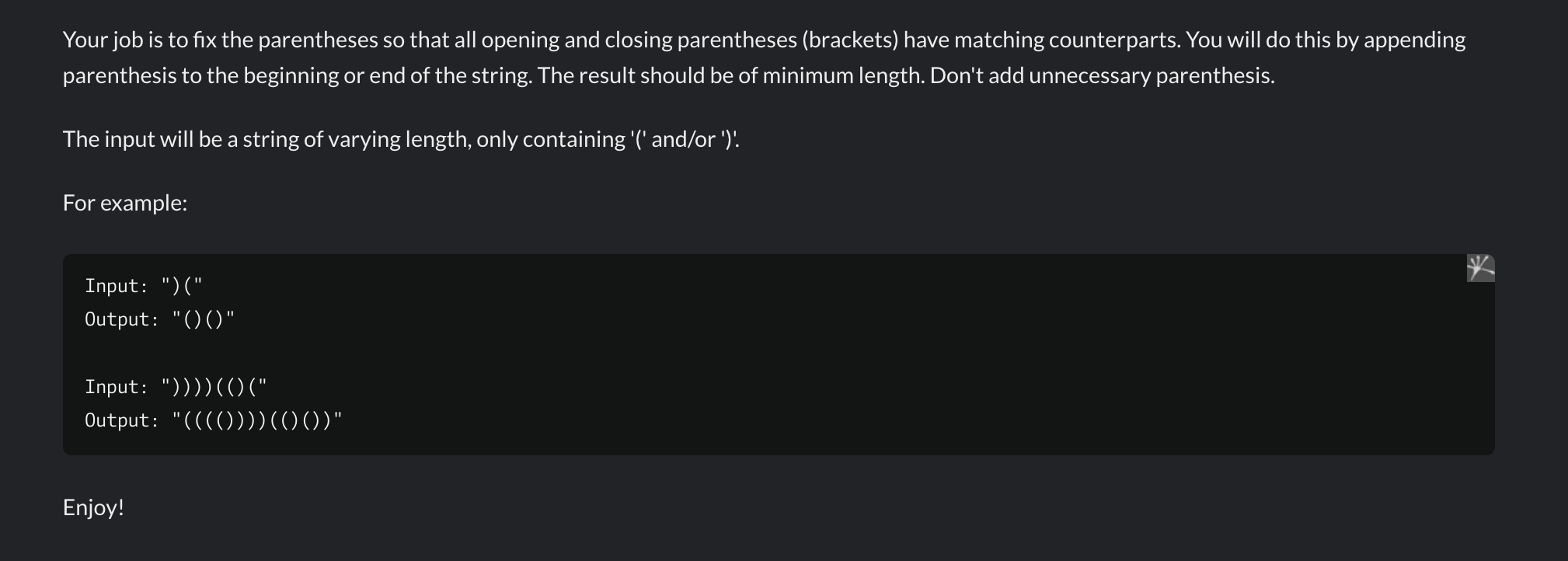
NOTE: WITHOUT USING toString or String or anyother mechanism that converts the number to string, you need to achieve this task without converting the number to string.

Q3.

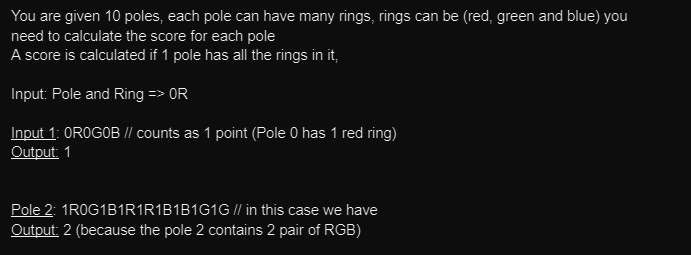




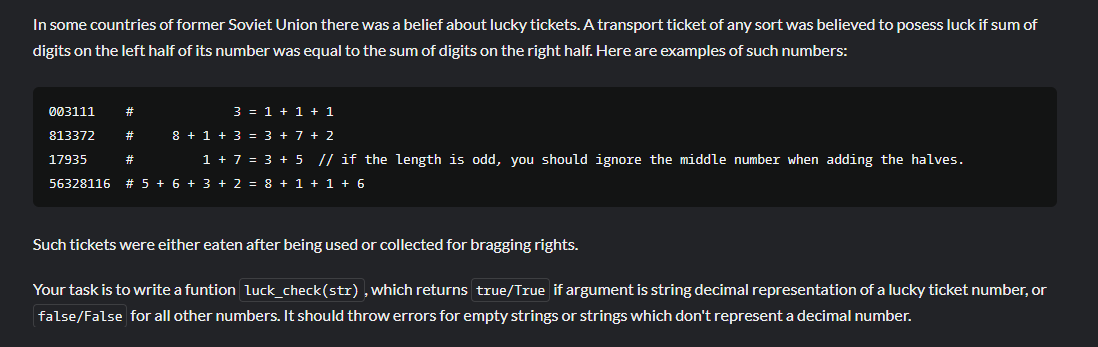
Q4.



Q5.

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**Q6.**

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