Тесты:

>> 0 0

<< 0

>> 1 1

<< 10

>> 10 1

<< 100

>> 100 1

<< 10000

>> 101 1

<< 100000

>> 110 1

<< 1000000

>> 110 10

<< 10000000

>> 1111 11

<< 11000000000000000