**65. Valid Number**

Hard

Validate if a given string can be interpreted as a decimal number.

Some examples:  
"0" => true  
" 0.1 " => true  
"abc" => false  
"1 a" => false  
"2e10" => true  
" -90e3   " => true  
" 1e" => false  
"e3" => false  
" 6e-1" => true  
" 99e2.5 " => false  
"53.5e93" => true  
" --6 " => false  
"-+3" => false  
"95a54e53" => false

**Note:** It is intended for the problem statement to be ambiguous. It would be best if you gathered all requirements up front before implementing one. However, here is a list of characters that can be in a valid decimal number:

* Numbers 0-9
* Exponent - "e"
* Positive/negative sign - "+"/"-"
* Decimal point - "."

Of course, the context of these characters also matters in the input.

**Example 1:**

**Input:** s = "0"

**Output:** true

**Example 2:**

**Input:** s = "3"

**Output:** true

**Constraints:**

* 1 <= s.length <= 20
* s consists of only English letters, digits, space ' ', plus '+', minus '-', or dot '.'.

Accepted

188,027

Submissions

1,200,319