

## Day-38 Q-02 Valid Number

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. You should gather 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.

### Update (2015-02-10):

The signature of the C++ function had been updated. If you still see your function signature accepts a `const char *` argument, please click the reload button to reset your code definition.