

```
Q = ''
p = ''
n = 0
s = '12p11'
for x in s[n:len(s)]:
    n += 1
    if x.isdigit() == True:
        Q += x
    if x.isdigit() == False:
        break
if s[n] == 'p' or s[n] == 'd':
    n += 1
else: isValid = False
for x in s[n:len(s)]:
    n += 1
    if x.isdigit() == True:
        p += x
    if x.isdigit() == False:
        break
```

```
print (int(Q) + int(p))
```

```
>> 23
```

a batch of results must report both pass and defect test results with p and d in **either order**

- for x in s[n:len(s)]: Q10p0d10 Q10d10p0
 n += 1
 if x.isdigit() == False:
 break
- if s[n] == 'p' or s[n] == 'd':
 pass
 else: isValid = False

no leading zeros are allowed in any numeric value being reported

- if s[n] == '0' and s[n+1].isdigit() == True:
 isValid = False

```

Q = ''
p = ''
d = ''
n = 0
s = 'l2p11d254545l'
for x in s[n:len(s)]:
    n += 1
    if x.isdigit() == True:
        Q += x
    if x.isdigit() == False:
        break
if s[n] == 'p' or s[n] == 'd':
    n += 1
else: isValid = False
for x in s[n:len(s)]:
    n += 1
    if x.isdigit() == True:
        p += x
    if x.isdigit() == False:
        break

```

```
print (int(Q) + int(p))
```

```
>> 23
```

To check numbers after b and p

- the total number of QC tests in a batch must equal the number of pass and defect test results.
- the total number of QC tests in a batch must be greater than zero (0)
- a single result string may include multiple batches of results

Use `s.split('Q')` to split the cases in single string

- the total number of QC tests in a batch must equal the number of pass and defect test results.
- the total number of QC tests in a batch must be greater than zero (0)
- a single result string may include multiple batches of results

Use `s.split('Q')` to split the cases in single string

```
In [4]: %run C:\Users\Iooli\Downloads\QCTestString.py
i = 0
if isValidString('Q2000000sd2p55l5l5') == False:
    i += 1
if isValidString('Q22p20d2Q22p2sd2') == False:
    i += 1
print (i*3.3333+0.0001)

3.3334
```

TA grades. with this func

In []:

- a batch of results must begin with the character Q (case sensitive)
 - Check `s[0] == 'Q'`
- a batch of results must report both pass and defect test results with p and d in **either order**
 - for `x in s[n:len(s)]`: `Q10p0d10 Q10d10p0`
`n += 1`
 if `x.isdigit() == False`:
 break
 - if `s[n] == 'p'` or `s[n] == 'd'`:
 pass
 else: `isValid = False`
- no leading zeros are allowed in any numeric value being reported
 - if `s[n] == '0'` and `s[n+1].isdigit() == True`:
 `isValid = False`

SUBHEAD

valid code

Q200p110d90

YU-KENG LIN

4:50 PM (34 minutes ago)



to me ▾

TA-feedback by running code

1. Please remove the input function.
2. Your program name has a space at the end.
3. Even after I fixed them, your program only passed 1/3 of the tests.

Below are the example tests you didn't pass:

Q22p20d2dQ22p20d2

Q22p22d0

Q22p22d0Q22p22d0

For 1 and 3, they may stem from the same reason: you didn't check that the last char of each string in the list should be digit.

