MNC COMPANIES - SET 001

Solved Challenges **2/10**

Back To Challenges List

Invalid Mobile Numbers

ID:12220 **Solved By 238 Users**

TCS NQT

The program must accept a list of mobile numbers (in separate lines) as the input. The character **q** or **Q** represents the end of the input. The program must print the number of invalid mobile numbers among the given list of mobile numbers as the output. A valid mobile number contains exactly **10** digits.

Boundary Condition(s):
1 <= Length of each string <= 20

Input Format:
The lines, each contains a string value.

Output Format:
The first line contains the number of invalid mobile numbers.

Example Input/Output 1:
Input:
9854653221
997878A1576
9992224578
999225789900
986578989B
817524990
Q

Output:
4

Explanation:
The **4** invalid mobile numbers are given below.
997878A1576
999225789900
986578989B
817524990
Hence the output is 4.

Example Input/Output 2:
Input:
7006868327
8745152751
90379383946799
7180S16U65
9404722712T

929191K54588G6
84385659
q

Output:
5

Max Execution Time Limit: 50 millisecs

Ambiance

Python3 (3.x)

Reset

```
arr = []
count = 0
arr.append(input().strip())
count = 0
while(arr[-1]!="Q" and arr[-1]!="q"):
    arr.append(input().strip())

for num in arr[:-1]:
    try:
        number = int(num)
        if(len(num)!=10):
            count+=1
    except:
        count+=1
        pass
print(count)
```

Code did not pass the execution

TestCase ID: 79213

Input:

9854653221
997878A1576
9992224578
999225789900
986578989B
817524990
Q

Expected Output:

```
4
```

Your Program Output:

```
Traceback (most recent call last):
  File "Hello.py", line 6, in
    arr.append(input().strip())
EOFError: EOF when reading a line
```

Save Run

Run with a custom test case (Input/Output)