



# STUDENT REPORT

## DETAILS

### Name

KC Shreya

### Roll Number

3BR23EE038

## EXPERIMENT

### Title

#### MINIMUM NUMBER OF KEY PRESSES

### Description

George has a setup which includes a special keyboard and a monitor , that initially displays 0. The special keyboard has 11 numeric keys (0,1,2,3,4,5,6,7,8,9,00). If he presses 00, the previously displayed value will be multiplied by 100. Whereas, if he presses any other numeric key, the previously displayed value will be firstly multiplied by 10 and then the number on the key will be added to it

You are given a numeric string S. Your task is to help George find and return an integer value, representing the minimum number of key presses to reach the number.

Input Specification:

input: A numeric string s. representing the final number,

Output Specification:

Return an integer value, representing the minimum number of key presses to reach the number.

Sample Input:

100

Sample Output:

2

### Source Code:

```
a=input()
i=0
count=0
while i < len(a):
    if (i+1) < len(a) and a[i]=='0' and a[i+1]!='0':
        i+=2
    else:
        i+=1
        count+=1
print(count)
```

## RESULT

2 / 6 Test Cases Passed | 33 %

3BR2

E038

23EEU

3BR2  
E038

38 38  
23EEU

2EE03  
3BR2

2R23EE  
38