STUDENT REPORT

DETAILS

Name

MEGHANA B

Roll Number

3BR23EC098

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:

```
def min_key_presses(s):
  target = int(s)
  presses = 0

  while target > 0:
        if target % 100 == 0:
           target//= 100
        else:
            target//= 10
        presses += 1

  return presses

#Example usage:

s = input().strip()
print(min_key_presses(s))
```

RESULT

6 / 6 Test Cases Passed | 100 %