![Logo]

STUDENT REPORT

DETAILS

Name

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Roll Number

3BR21CS002

EXPERIMENT

Title

SNAKE WATER GUN

Description

You are given a string S, which contains the moves played by two players sequentially in a game called Snake Water Gun. The rules of

the games are as follows:

- Snake beats Water, Water beats Gun and Gun beats Snake
- The move played by player A and the move played by player B in the first round will be stored in the string as "snakewater".

Similarly, in the second round, the moves will be stored in the string as "snakewatergunsnake".

There are total N rounds that are played in the game and your task is to find and return an integer value representing how many rounds Player A will win.

Note: The given string is in lowercase.

Input Specification:

Input: An integer value N, representing the number of rounds, input2: A string value 5 representing the moves played by the two players

Output Specification:

Return an integer value representing now many rounds Player A.

Example:

Input:

1

snakewater

Output:

1

Source Code:

```python
n=int(input())
s=input().strip()
c=0
index=0
m_len={'snake':5,'water':5,'gun':3}
move=["snake","water","gun"]
for _ in range(n):
    for i in move:
        if s[index:index+m_len[i]]==i:
            a=i
            index+=m_len[i]
            break
    for i in move:
        if s[index:index+m_len[i]]==i:
            b=i
            index+=m_len[i]
    if (a=="snake" and b=="water") or (a=="water" and b=="gun")or (a=="gun" and b=="snake"):
        c+=1
print(c)
```

RESULT

5 / 5 Test Cases Passed | 100 %