



## Python: string transformation | Hackerrank solution

Rajnish tripathi • 10:04

There is a sentence that consists of space-separated strings of upper and lower case English letters. Transform each string according to the given argonium and return the new sentence. Each string should be modified as follows:

- The first character of the string remains unchanged
- For each subsequent character, say x, consider a letter preceding it, say y:
- If y precedes x in the English alphabet, transform x to uppercase o If x precedes y in the English alphabet, transform x to lowercase If x and y are equal, the letter remains unchanged

## Example

sentence = "cOOL dog"

The first letters of both words remain unchanged. Then, for the word "COOL" the first is made uppercase because the letter preceding it, "c", comes earlier in the alphabet. Next, the case of the second "Q" is unchanged because the letter preceding is also "o", and finally the "L" is made low the second second

## **Function Description**

Complete the function transformSentence in the editor below. The function must return a string representing the resulting sentence.

transformSentence has the following parameter(s): string sentence: the input sentence

```
fptr = open(os.environ('OUTPUT_PATE
sentence = input()
result = transformSentence(sentence
fptr.write(result + '\n')
```

