

[CS 11] Prac 0k – Snip

oj.dcs.upd.edu.ph/problem/cs11prac0k

Problem Statement

You are quoting Max. However, Max says a lot of things, so you only want to quote the first sentence of what he says. You would like to replace the remaining sentences with simply "[...]".

To do this, we look for the following sequence of characters as an indication of the end of a sentence: a dot (.), and then a space.

We then want to replace the string after these characters with just the characters [...].

Given Max's speech, output the snipped version, with everything except the first sentence replaced by [...].

If Max's quote doesn't contain multiple sentences, output the quote as is.

See the examples below for more clarification.

Task Details

Your task is to implement a function called `snip`. This function has a single parameter, a `str`, representing Max's speech.

The function must return a `str` as described in the problem statement.

Example Calls

Example 1 Function Call

Copy

```
snip("They were all dead. Love kills. Did I love her? Was there a choice?")
```

Example 1 Return Value

Copy

```
"They were all dead. [...]"
```

Example 2 Function Call

Copy

```
snip("They were all dead. The final gunshot was an exclamation mark on everything that had led to this point. I released my finger from the trigger, and then it was over.")
```

Example 2 Return Value

Copy

```
"They were all dead. [...]"
```

Example 3 Function Call

Copy

```
snip("They were all dead.")
```

Example 3 Return Value

Copy

```
"They were all dead."
```

Example 4 Function Call

Copy

```
snip("Michelle? Honey, anybody home?")
```

Example 4 Return Value

Copy

```
"Michelle? Honey, anybody home?"
```

Example 5 Function Call

Copy

```
snip("You play, you pay, you bastard")
```

Example 5 Return Value

Copy

```
"You play, you pay, you bastard"
```

Hint

- If `s` and `t` are `strs`, then `s in t` is `True` if `s` is a substring of `t`, and `False` otherwise.
- If `s` and `t` are `strs`, then `t.index(s)` is the index of the leftmost occurrence of `s` as a substring of `t`. If `s` is not a substring of `t`, this raises an error.

(Try these out first in Python interactive mode!)

Constraints

When the program is run:

- The function `snip` will be called at most 2,0002,000 times.
- The argument has a length of at most 200200.
- The argument does not start or end with whitespace.
- The argument consists of lowercase and uppercase English letters, spaces, commas, dots, exclamation marks and question marks, and no other characters.

Scoring

You get 150150 ❤️ points if you solve all test cases correctly.

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Clarifications

No clarifications have been made at this time.