

Re.start() & Re.end()

start() & end()

These expressions return the indices of the *start* and *end* of the substring matched by the group.

Code

```
>>> import re
>>> m = re.search(r'\d+', '1234')
>>> m.end()
4
>>> m.start()
0
```

Task

You are given a string S .

Your task is to find the indices of the *start* and *end* of string k in S .

Input Format

The first line contains the string S .

The second line contains the string k .

Constraints

$$0 < \text{len}(S) < 100$$

$$0 < \text{len}(k) < \text{len}(S)$$

Output Format

Print the tuple in this format: (*start_index*, *end_index*).

If no match is found, print **(-1, -1)**.

Sample Input

```
aaadaa
aa
```

Sample Output

```
(0, 1)
(1, 2)
(4, 5)
```