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

$0 < len(S) < 100$
$0 < len(k) < len(S)$

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)
```