

# 1044. Longest Duplicate Substring

## Description

Given a string `s`, consider all *duplicated substrings*: (contiguous) substrings of `s` that occur 2 or more times. The occurrences may overlap.

Return **any** duplicated substring that has the longest possible length. If `s` does not have a duplicated substring, the answer is `""`.

### Example 1:

```
Input: s = "banana"
Output: "ana"
```

### Example 2:

```
Input: s = "abcd"
Output: ""
```

### Constraints:

- $2 \leq s.length \leq 3 * 10^4$
- `s` consists of lowercase English letters.

