

# Problem 2351: First Letter to Appear Twice

## Description

Given a string *s* consisting of lowercase English letters, return the first letter to appear twice.

## Note

- A letter *a* appears twice before another letter *b* if the second occurrence of *a* is before the second occurrence of *b*.
  - The input string *s* will contain at least one letter that appears twice.
- 

## Examples

### Example 1

**Input:** *s* = "abccbaacz"

**Output:** "c"

### Explanation:

The letter 'a' appears at indexes 0, 5, and 6.

The letter 'b' appears at indexes 1 and 4.

The letter 'c' appears at indexes 2, 3, and 7.

The letter 'z' appears at index 8.

The letter 'c' is the first letter to appear twice, as the index of its second occurrence is the smallest among all letters.

### Example 2

**Input:** *s* = "abcdd"

**Output:** "d"

### Explanation:

The only letter that appears twice is 'd', so we return 'd'.

---

**Constraints**

- $2 \leq s.length \leq 1002 \wedge \text{is\_lower\_alpha}(s) \wedge 1002 \leq s.length \leq 100$
- s consists of lowercase English letters.
- s has at least one repeated letter.