

# String reduction

[English](#)

[Tiếng Việt](#)

Given a string containing only characters of 'a' and 'b'. You can reduce this string by replacing a substring forming  $a?a$  or  $b?b$  by  $?$ ;  $?$  is 'a' or 'b'.

## Request

Find a way to minimize the length of given string by reducing it. Output that minimum length.

## Input

- A string.

## Output

- The minimum length found.

## Example

**Input:**

baaba

**Output:**

1

## Limitations

- The length of the given string does not exceed 300.