

Super Reduced String

Reduce a string of lowercase characters in range `ascii['a' .. 'z']` by doing a series of operations. In each operation, select a pair of adjacent letters that match, and delete them.

Delete as many characters as possible using this method and return the resulting string. If the final string is empty, return `Empty String`

Example.

`aab` shortens to `b` in one operation: remove the adjacent `a` characters.

Remove the two 'b' characters leaving 'aa'. Remove the two 'a' characters to leave "". Return 'Empty String'.

Function Description

Complete the *superReducedString* function in the editor below.

superReducedString has the following parameter(s):

- *string s*: a string to reduce

Returns

- *string*: the reduced string or `Empty String`

Input Format

A single string, `s`.

Constraints

Sample Input 0

aaabccddd

Sample Output 0

abd

Explanation 0

Perform the following sequence of operations to get the final string:

```
aaabccddd → abccddd → abddd → abd
```

Sample Input 1

aa

Sample Output 1

Empty String

Explanation 1

```
aa → Empty String
```

Sample Input 2

baab

Sample Output 2

Empty String

Explanation 2

```
baab → bb → Empty String
```