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.

1. fafa
2. fadfa

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, .

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
```