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.

$s = $ 'aab'

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

$s = $ 'abba'

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
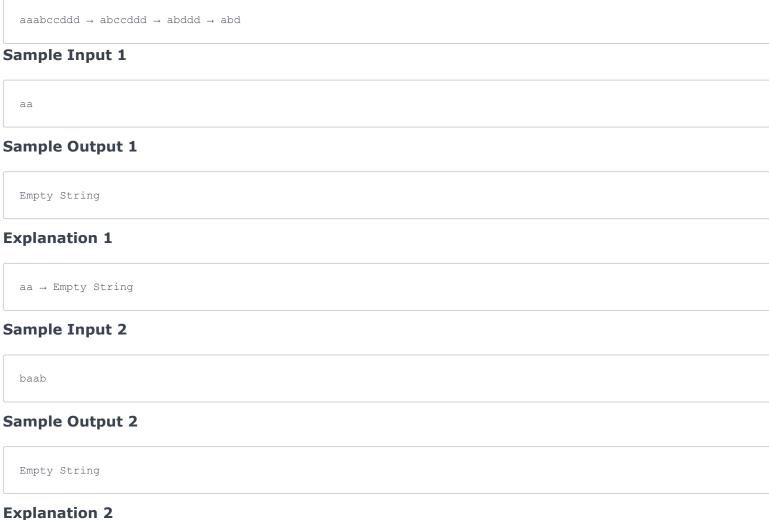
- $1 \leq$ length of $s \leq 100$

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
```