Super reduced string

Steve has a string of lowercase characters in range $ascii['a' \ldots 'z']$. He wants to reduce the string to its shortest length by doing a series of operations. In each operation he selects a pair of adjacent lowercase letters that match, and he deletes them. For instance, the string aab could be shortened to b in one operation.

Steve's task is to delete as many characters as possible using this method and print the resulting string. If the final string is empty, print *Empty String.*

Function Description

Write a *superReducedString* function. It should return the super reduced string or *Empty String* if the final string is empty.

superReducedString has the following parameter(s): s: a string to reduce

Input Format

A single string, **s**.

Constraints
$1 \leq |s| \leq 100$

Output Format
If the final string is empty, print *Empty String*; otherwise, print the final non-reducible string.

Example input	Expected output	Explanation
aaabccddd	abd	Steve performs the following sequence of operations to get the final string: aaabccddd → abccddd → abddd → abd
aa	Empty String	aa → Empty String
baab	Empty String	baab → bb → Empty String