

## Questions:

1. Write a program that takes a string as an input and prints the word after removing all occurrences of any characters in the word 'dust' in the string. However, if the string is clear from dust, it should print It's a clean floor!

Examples

Sample Input 1: floor

Sample output 1:It's a clean floor!

Sample Input 2: dustbinSample output 2:bin

2. Given a string that consists only of the following parenthesis characters: '{' , '}' , '(' and ')', the parentheses could be balanced by inserting any of the four characters as many times as necessary. Write a program that takes the string as an input and prints the minimum number of characters that must be inserted to balance the parenthesis.

Examples

Sample Input 1:(){}{}

Sample Output 1:0

Sample Input 2:({}){ }(

Sample Output 2:2

### 3. Mini Peaks

Write a function that returns all the elements in an array that are strictly greater than their adjacent left and right neighbors.

Examples:

miniPeaks([4, 5, 2, 1, 4, 9, 7, 2]) → [5, 9]

miniPeaks([1, 2, 1, 1, 3, 2, 5, 4, 4]) → [2, 3, 5]

miniPeaks([1, 2, 3, 4, 5, 6]) → []

Notes:

- a. Do not count boundary numbers, since they only have one left/right neighbor.
- b. If no such numbers exist, return an empty array.