**1249. Minimum Remove to Make Valid Parentheses**

Medium

166040Add to ListShare

Given a string s of '(' , ')' and lowercase English characters.

Your task is to remove the minimum number of parentheses ( '(' or ')', in any positions ) so that the resulting *parentheses string* is valid and return **any** valid string.

Formally, a *parentheses string* is valid if and only if:

* It is the empty string, contains only lowercase characters, or
* It can be written as AB (A concatenated with B), where A and B are valid strings, or
* It can be written as (A), where A is a valid string.

**Example 1:**

**Input:** s = "lee(t(c)o)de)"

**Output:** "lee(t(c)o)de"

**Explanation:** "lee(t(co)de)" , "lee(t(c)ode)" would also be accepted.

**Example 2:**

**Input:** s = "a)b(c)d"

**Output:** "ab(c)d"

**Example 3:**

**Input:** s = "))(("

**Output:** ""

**Explanation:** An empty string is also valid.

**Example 4:**

**Input:** s = "(a(b(c)d)"

**Output:** "a(b(c)d)"

**Constraints:**

* 1 <= s.length <= 10^5
* s[i] is one of  '(' , ')' and lowercase English letters.

Accepted

151,066

Submissions

236,631