

Palindrome Partitioning

Given a string *s*, partition *s* such that every substring of the partition is a **palindrome**. Return *all possible palindrome partitioning of s*.

Example 1:

Input: *s* = "aab"

Output: `[["a","a","b"],["aa","b"]]`

Example 2:

Input: *s* = "a"

Output: `[["a"]]`

Constraints:

- $1 \leq s.length \leq 16$
- *s* contains only lowercase English letters.