

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: $s = \text{"aab"}$

Output: $[[\text{"a"}, \text{"a"}, \text{"b"}], [\text{"aa"}, \text{"b"}]]$

Example 2:

Input: $s = \text{"a"}$

Output: $[[\text{"a"}]]$

Constraints:

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