

5. Longest Palindromic Substring

Given a string *s*, return *the longest palindromic substring* in *s*.

Example 1:

Input: *s* = "babad"

Output: "bab"

Explanation: "aba" is also a valid answer.

Example 2:

Input: *s* = "cbbd"

Output: "bb"

Constraints:

- $1 \leq s.length \leq 1000$
- *s* consist of only digits and English letters.