```python
def longest_palindromic_substring(s: str) -> str:
    if not s or len(s) == 1:
        return s
    def expand_around_center(left: int, right: int) -> str:
        while left >= 0 and right < len(s) and s[left] == s[right]:
            left -= 1
            right += 1
        return s[left + 1:right]
    longest = ""
    for i in range(len(s)):
        odd_palindrome = expand_around_center(i, i)
        even_palindrome = expand_around_center(i, i + 1)
        longest = max(longest, odd_palindrome, even_palindrome, key=len)

    return longest
s1 = "babad"
s2 = "cbbd"
print(longest_palindromic_substring(s1))
print(longest_palindromic_substring(s2))
```