

Edge Cases Checklist

Use this before submitting coding answers.

Arrays

- $n = 0$, if allowed
- $n = 1$
- all elements same
- negative numbers
- duplicates
- already sorted
- reverse sorted
- very large values

Strings

- empty string, if allowed
- single character
- spaces
- uppercase/lowercase
- repeated characters
- punctuation
- palindrome with odd length
- palindrome with even length

Number problems

- $n = 0$
- $n = 1$
- negative input
- large input
- prime check for 2
- factorial overflow
- reverse number ending with zero

Pair/sum problems

- no valid pair
- duplicate pair
- pair using same element not allowed
- negative values

Common submission checks

- Did you include required headers/imports?
- Did you read all input?
- Did you print only required output?
- Did you avoid extra debug prints?
- Did you reset variables for each test case?
- Did you handle integer overflow if needed?