Longest Palindromic Substring

Try to solve the Longest Palindromic Substring problem.

We'll cover the following

Statement

Given a string `palString`, return the longest palindromic substring in `palString`.

Constraints

- $1 \leq$ `palString.length` ≤ 1000
- `palString` consist of only digits and English letters.

Examples

Sample example 1

Input

palString	"asfdodfsaiuoefbwjebejwbf"

Output

palString	"fbwjebejwbf"

Although there are two palindromic substrings in the input string, we return only the longest occurring palindrome.

1 of 2

Sample example 2

Input

palString	"oifvghsaashgbkrjgjrkn"

Output

palString	"ghsaashg"

Since there are two palindromic substrings in the input string, with the same length, we return only the first palindrome.

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Test your understanding of the problem

Let’s take a moment to make sure we have correctly understood the problem. The quiz below helps us to check that we are solving precisely the right problem:

Longest Palindromic Substring

1 Which of the following is the longest palindromic substring in “abcdefghgfe”

A) “ghg”

B) “abcdefghgfe”

C) “efghgfe”

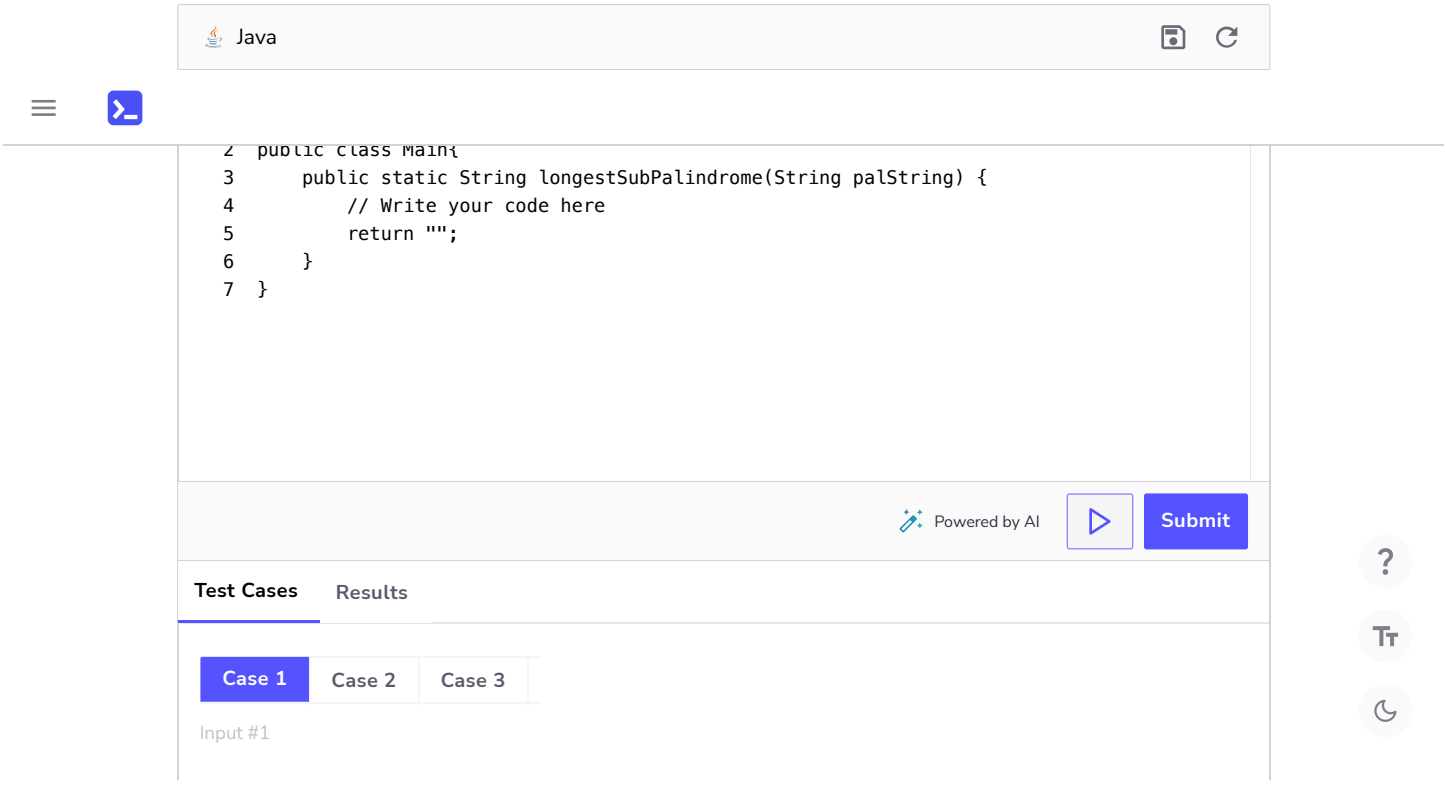
Submit Answer

Question 1 of 2
0 attempted

Reset Quiz

Try it yourself

Implement your solution in the following coding playground:



"babad"

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