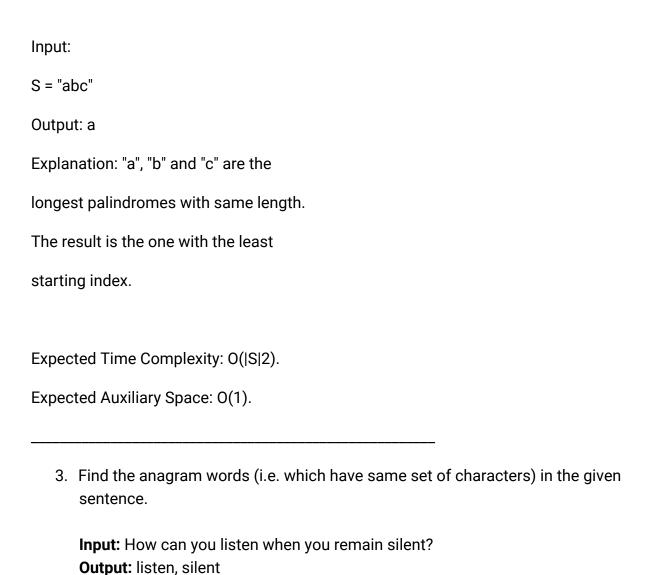
1. Given a set of strings, find their longest common prefix (LCP).
Input: ["technique", "technician", "technology", "technical"]
Output: "techn"
Input: ["techie delight", "tech", "techie", "technology", "technical"]
Output: "tech"
2. Given a string S, find the longest palindromic substring in S. Substring of string S: S[ij] where $0 \le i \le j < \text{len(S)}$. Palindrome string: A string which reads the same backwards. More formally, S is palindrome if reverse(S) = S. Incase of conflict, return the substring which occurs first (with the least starting index).
Example 1:
Input:
S = "aaaabbaa"
Output: aabbaa
Explanation: The longest Palindromic
substring is "aabbaa".
Example 2:



4. Concrete the given contense with new line character who

- 4. Separate the given sentence with new line character whenever
 - i. Space comes
 - ii. Special character comes
 - iii. Upper case within a word comes

Input: "This is a ExampleSentence"

Output:

This

is

an

Example Sentence