Shortest Palindrome

1. Shortest Palindrome: Write a program to find the shortest palindromes from a given string.

Note: If a given string contains multiple palindromes are of same length, print them in ascending order.

Input Format:

• The input has only one line consisting of the string.

Output Format:

 Output all the shortest palindromes from the given array in the list form. Check for the sample output.

Sample Input #1:

mississippi

Sample Output #1:

[pp, ss, ss]