Reverse Shuffle Merge ☆

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iiven a string, A ,	we define some operation	ns on the string as follow	vs:		
a. reverse(A) d	lenotes the string obtained	by reversing string A E	xample: reverse("ab	c") = "cba"	
	denotes any string that's a				
both. For exampl	12) denotes any string that e, A1 = "abc" & A2 = ther could be "adbecf" as	"def", one possible res			
iven a string g su	ch that s ∈ merge(re	verse(A), shuffle	(A)) for some string	A , find the lexicograp	hically smallest $m{A}$.
					huffle in to get abab . The
niddle two charac ıb < ba , so our a	ters match our reverse st nswer is ab .	ring, leaving the a and i	at the ends. Our shuff	le string needs to be	ab . Lexicographically
unction Descrip					
Complete the reve	rseShuffleMerge function	in the editor below. It r	must return the lexicog	raphically smallest str	ing fitting the criteria.
everseShuffleMer s: a string	ge has the following para	meter(s):			
nput Format					
A single line conta	ining the string 8 .				
Constraints					
 s contains only 1 ≤ s ≤ 100 	lower-case English letters	s, ascii[a-z]			
Output Format					
ind and return th	e string which is the lexico	ographically smallest va	lid A .		
Sample Input 0					
eggegg					
Sample Output 0					
egg					
Explanation 0					
Split "eggegg" into	strings of like character c	ounts: "egg", "egg"			
reverse("egg") = "g					
shuffle("egg") can l 'eggegg" belongs t	oe "egg" :o the merge of ("gge", "eg	gg")			
The merge is: egg e					
egg' < 'gge'					
Sample Input 1					
abcdefgabcde	fg				
Sample Output 1					
agfedcb					
Explanation 1					
	two strings with like cha	racters: abcde f g and a	bcdefg		
Reverse abcde fg Shuffle agfedcb c					
Merge to abcdefg					
Sample Input 2					
aeiouuoiea					
Sample Output 2					
aeiou					
Explanation 2					
	groups of like characters	s: aeiou			
Reverse aeiou = v These merge to a e					
. g u	•				

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