Coding Challenge

Question 2 (50 mins)

Points: Maximum 12 pts

Given any user input, do the following:

1. List all the letters
2. No spaces
3. Not case sensitive (A = a)
4. Count how many duplicates for each letter (From 1 to N)
5. Display in ascending order (a-z)
6. Only count letters, do not count numbers and special characters (. ,)

Rules:

1. No numbers in the string
2. Output should not count numbers
3. Do not use LINQ and sorting functions

Test Cases:

"To be or not to be"

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Enter a string, I will tell you what letters you have and the number of each letter:
To be or not to be
{ letter = b, count = 2 }
{ letter = e, count = 2 }
{ letter = n, count = 1 }
{ letter = o, count = 4 }
{ letter = r, count = 1 }
{ letter = t, count = 3 }
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"Do you want to win this?" "Yes, please."

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Enter a string, I will tell you what letters you have and the number of each letter:
"Do you want to win this?" "Yes, please."
{ letter = a, count = 2 }
{ letter = d, count = 1 }
{ letter = e, count = 3 }
{ letter = h, count = 1 }
{ letter = i, count = 2 }
{ letter = l, count = 1 }
{ letter = n, count = 2 }
{ letter = o, count = 3 }
{ letter = p, count = 1 }
{ letter = s, count = 3 }
{ letter = t, count = 3 }
{ letter = u, count = 1 }
{ letter = w, count = 2 }
{ letter = y, count = 2 }
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