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Problem 3

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Problem 3

15.0/15.0 points (graded)
Assume `s` is a string of lower case characters.

Write a program that prints the longest substring of `s` in which the letters occur in alphabetical order. For example, if `s = 'azcbobobegghakl'`, then your program should print

```
Longest substring in alphabetical order is: beggh
```

In the case of ties, print the first substring. For example, if `s = 'abcbcd'`, then your program should print

```
Longest substring in alphabetical order is: abc
```

Note: This problem may be challenging. We encourage you to work smart. If you've spent more than a few hours on this problem, we suggest that you move on to a different part of the course. If you have time, come back to this problem after you've had a break and cleared your head.

```
 1 maxstr = s[0]
 2 currstr = s[0]
 3
 4 try:
 5     for i in range(len(s)):
 6         if s[i+1] >= s[i]:
 7             currstr += s[i+1]
 8             if len(maxstr) < len(currstr):
 9                 maxstr = currstr
10         else:
11             currstr = s[i+1]
12 except:
13     pass
14
15 print(maxstr)
```

Press ESC then TAB or click outside of the code editor to exit

Correct

Test results

	See full output
CORRECT	
	See full output

Important
Only hit "Submit" once per submission. You only get 30 checks per problem.
If you believe you have correct code but it is marked incorrect after clicking "Check"...
"Staff Debug: L397 Error" means your code has an infinite loop...
Do not define your own values

Submit   You have used 2 of 30 attempts

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? **PSET DUES**

Can I complete problem sets of 1 and 2. I have registered this course late. Can I have access once more to complete the PSET's. … 2

💬 **Problem Set 1: Post your solutions and discuss!**

👤 Community TA 52

💬 **my solution of PS3**

temp_result = '' result = [] counter = 0 final_result = '' while counter < len(s) - 1: if s[counter] <= s[counter + 1]: temp_result += s[… 4

💬 **Waiting for auto-grader to finalize grade**

Hi TAs, The auto-grader has yet to grade this problem for me. The auto-grader has given me the following two messages since I … 6

💬 **Closed Problem**

Did this problem close? I have been trying to enter it and I am getting a closed message. It is my understanding that this problem… 4

💬 **SIMPLE SOLUTION!**

counter = 0 LongString = s[0] recorder = s[0] for _ in s: if s[counter] >= recorder[-1]: if counter == 0: recorder = s[0] else: record… 2

💬 **PS1-3 How many lines of code did you take?**

As Frank said back in September '17: Just wondering how many lines of code (not counting empty lines) people used. Personally,… 28 new

👤 Community TA

☑ **What's the solution?**

Can you provide the correct answer please? 2

? **Missed Deadline**

Hi, I unfortunately couldn't submit the answer to question 3 on time because I was really struggling with it and needed more time… 2

💬 **Think the time limit is a little bit wrong**

I know Im trying to submit an answer on the last minute, but it says till 20:30 GMT -3. Almost posted the code but remembered t… 2

? **IndexError: string index out of range_How to manage?**

In one part of my code, while running the condition, it eventually gets stuck in the last letter, and does not print that is intended f… 3

💬 **Late submission of solution**

May I submit Problem 3 solution after the due date? I am not worried about the grade but do want to complete all assignments. J… 2

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