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Problem 3

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Problem 3

1.0/1 point (ungraded)

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

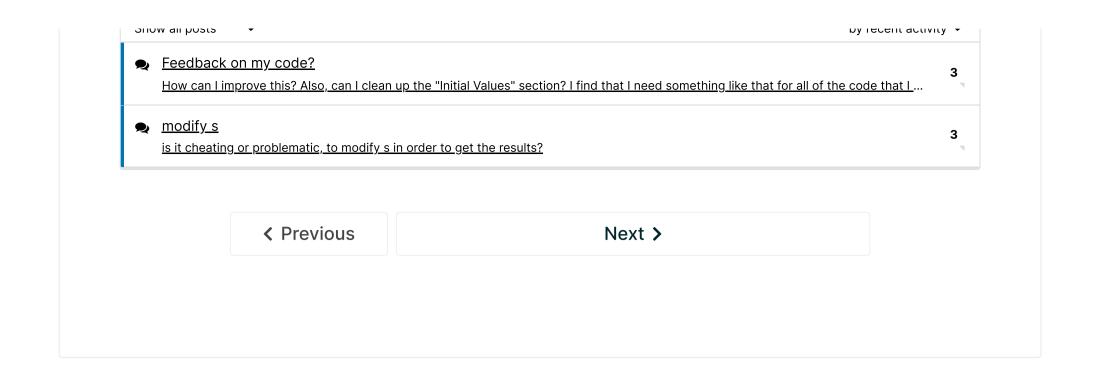| **Important** |
|---|
| Only hit "Check" once per submission. You only get 30 checks per problem. |
| If you believe you have correct code but it is marked incorrect after clicking "Check"... |
| "Staff Debug: L397 Error" means your code has an infinite loop... |
| Do not define your own values |

Submit

PSET 1: Problem 3

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💬 **Feedback on my code?**   3

How can I improve this? Also, can I clean up the "Initial Values" section? I find that I need something like that for all of the code that I …

💬 **modify s**   3

is it cheating or problematic, to modify s in order to get the results?

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