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Notes

1.0/1 point (ungraded)

Problem 3

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

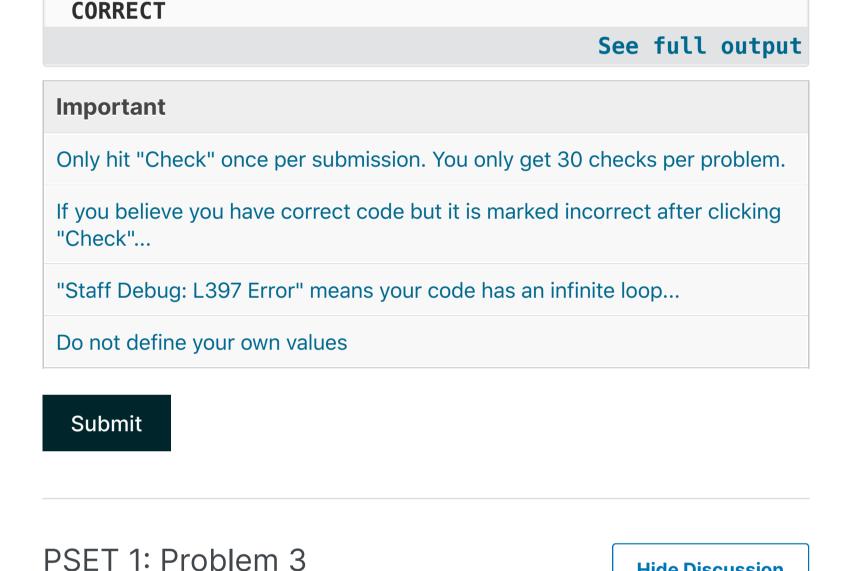
smart. If you've spent more than a few hours on this problem, we suggest that you move on to a different part of the course. If you have time, come back to this problem after you've had a break and cleared your head.

Note: This problem may be challenging. We encourage you to work

```
1 # Initialize theMatch to hold first character of s
  2 \text{ bestMatch} = s[0]
  4 # Initialize testString to first character of s
  5 \text{ testString} = s[0]
  7 # We are going to start at s[1] since we
  8 # initialized value of testString to s[0]
  9 for i in range (1, len(s)):
 10
 11
       # My troubleshooting print statements. Comment out before sub
       # print "s[i]: " + s[i]
 12
       # print "bestMatch: " + bestMatch
 13
 14
 15
        if s[i] >= s[i-1]:
           testString = testString + s[i]
Press ESC then TAB or click outside of the code editor to exit
```

Correct

Test results



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How can I improve this? Also, can I clean up the "Initial Values" section? I find that ... modify s 3 is it cheating or problematic, to modify s in order to get the results?

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