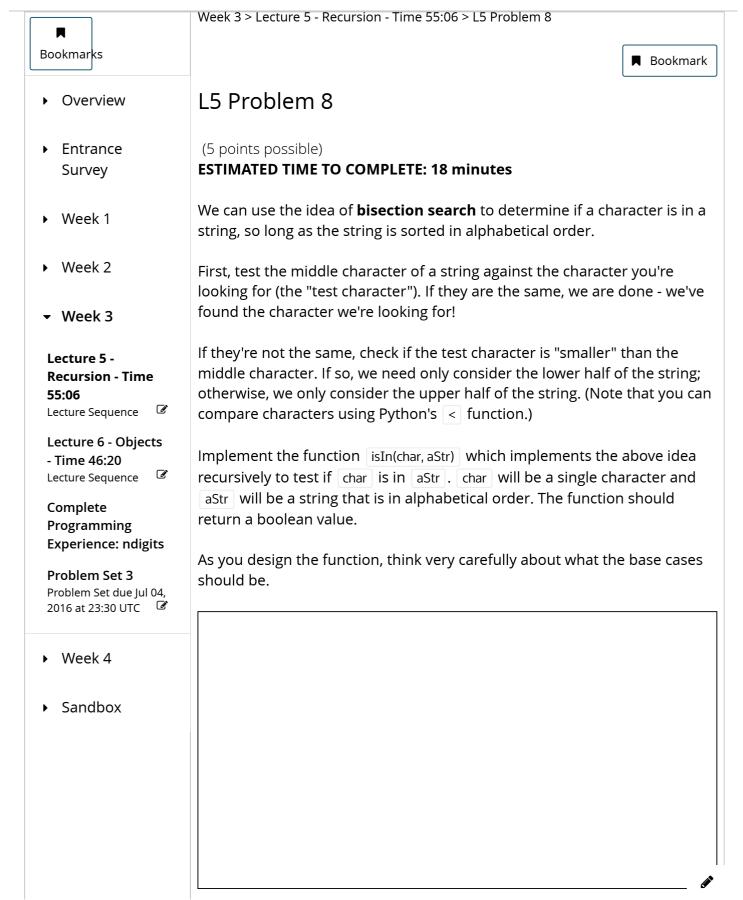


MITx: 6.00.1x Introduction to Computer Science and Programming Using P...



Unanswered

Note: In programming there are many ways to solve a problem. For your code to check correctly here, though, you must write your recursive function such that you make a recursive call directly to the function isIn. Thank you for understanding.

Hints

Basic function structuring

Be very careful about how you slice the string in the recursive cases! Before you execute the recursive cases, you test the middle character so if you reach the recursive cases, you know the middle character cannot be a match, right? So be careful to *not* include this character when you make your recursive call!

What should your base case be?

You should be thinking about 3 situations:

- What happens when the string is empty?
- What happens when the string is of length 1?
- What happens when the test character equals the middle character?

What should your recursive case be?

You should be thinking about 2 situations:

- What happens when the test character is smaller than the middle character?
- What happens when it is larger?

If you are getting the error stating that "Your code should be recursive" when you already make a call to <code>isIn</code>: check your indention - specifically, a common mistake is that your function and docstring do not start at the same indentation level.

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