

L2 PROBLEM 7 (5 points possible)

For each of the expressions below, specify its type and value. If it generates an error, select type 'NoneType' and write the word 'error' (note this is a word, not a string) in the box for the value. While you could simply type these expressions into an Idle shell, we encourage you to answer them directly since this will help reinforce your understand of basic Python expressions.

Assume we've made the following assignments:

```
> str1 = 'hello'
> str2 = ','
> str3 = 'world'
```

Note: The Python 'in' operator

Note: Advanced String Slicing

1. `str1`

2. `str1[0]`

3. `str1[1]`

4. `str1[-1]`

5. `len(str1)`

6. `str1[len(str1)]`

7. `str1 + str2 + str3`

8. `str1 + str2 + ' ' + str3`

9. `str3 * 3`

10. `'hello' == str1`

11. `'HELLO' == str1`

12. `'a' in str3`

13. `str4 = str1 + str3`
`'low' in str4`

14. `str3[1:3]`

15. `str3[:3]`

16. `str3[::-1]`

17. `str1[1:]`

18. `str4[1:9]`

19. `str4[1:9:2]`

20. `str4[::-1]`

Check

Show Discussion

 New Post



About (<https://www.edx.org/about-us>) Jobs (<https://www.edx.org/jobs>)
Press (<https://www.edx.org/press>) FAQ (<https://www.edx.org/student-faq>)
Contact (<https://www.edx.org/contact>)



EdX is a non-profit created by founding partners Harvard and MIT whose mission is to bring the best of higher education to students of all ages anywhere in the world, wherever there is Internet access. EdX's free online MOOCs are interactive and subjects include computer science, public health, and artificial intelligence.



(<http://www.meetup.com/edX-Global-Community/>)



(<http://www.facebook.com/EdxOnline>)



(<https://twitter.com/edXOnline>)



(<https://plus.google.com/108235383044095082>:



(<http://youtube.com/user/edxonline>)

© 2014 edX, some rights reserved.

Terms of Service and Honor Code -
Privacy Policy (<https://www.edx.org/edx-privacy-policy>)