



Exercise 2

Finger Exercises due Aug 6, 2020 01:30 CEST Completed**NOTE: These exercises are ungraded.**

Exercise 2 part 1

0 points possible (ungraded)

ESTIMATED TIME TO COMPLETE: 3 minutes**Note that you will have to answer all questions before you can click the Check button.**

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, no quotes) in the box for the value. While you could simply type these expressions into your IDE, 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: Advanced String Slicing](#)[Note: The Python 'in' operator](#)1. `str1` ✓ ✓2. `str1[0]` ✓ ✓3. `str1[1]` ✓ ✓

4. `str1[-1]`

string ✓

o ✓

5. `len(str1)`

int ✓

5 ✓

Submit

You have used 3 of 9999 attempts

Exercise 2 part 2

0 points possible (ungraded)

ESTIMATED TIME TO COMPLETE: 7 minutes

Note that you will have to answer all questions before you can click the Check button.

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, no quotes) in the box for the value. While you could simply type these expressions into your IDE, we encourage you to answer them directly since this will help reinforce your understand of basic Python expressions.

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[Note: Advanced String Slicing](#)

[Note: The Python 'in' operator](#)

1. `str1[len(str1)]`

NoneType ✓

error ✓

2. `str1 + str2 + str3`

string ✓

hello,world ✓

3. `str1 + str2 + ' ' + str3`

string ✓



hello, world



4. `str3 * 3`

string



worldworldworld



5. `'hello' == str1`

boolean



True



Submit

You have used 3 of 9999 attempts

Exercise 2 part 3

0 points possible (ungraded)

ESTIMATED TIME TO COMPLETE: 7 minutes

Note that you will have to answer all questions before you can click the Check button.

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, no quotes) in the box for the value. While you could simply type these expressions into your IDE, 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: Advanced String Slicing](#)

[Note: The Python 'in' operator](#)

1. `'HELLO' == str1`

boolean



False



2. `'a' in str3`

boolean



False



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

boolean ✓

True ✓

4. `str3[1:3]`

string ✓

or ✓

5. `str3[:3]`

string ✓

wor ✓

Submit

You have used 3 of 9999 attempts

Exercise 2 part 4

0 points possible (ungraded)

ESTIMATED TIME TO COMPLETE: 7 minutes

Note that you will have to answer all questions before you can click the Check button.

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, no quotes) in the box for the value. While you could simply type these expressions into your IDE, 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'  
> str4 = str1 + str3
```

[Note: Advanced String Slicing](#)

[Note: The Python 'in' operator](#)

1. `str3[::-1]`

string ✓

worl ✓



2. `str1[1:]`

string ✓

ello ✓

3. `str4[1:9]`

string ✓

elloworl ✓

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

string ✓

elwr ✓

5. `str4[::-1]`

string ✓

dlrowolleh ✓

Submit

You have used 2 of 9999 attempts

Exercise 2

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Topic: Lecture 2 / Exercise 2

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- ? [Exercise 2 part 4.4](#) 8
Can someone explain me why `str4[1:9:2] = 'elwr'`. Thanks
- 🗨️ [Helpful for understanding string slicing](#) 2
More thorough explanation for anyone struggling: [https://www.digitalocean.com/community/tutorials/how-to-index-and-slice-strings-in...](https://www.digitalocean.com/community/tutorials/how-to-index-and-slice-strings-in-...)
- 🗨️ [Question 5 Part 4 \(Spoiler\)](#) 5
Could someone explain why the answer would be 'dlrowolleh'?
- 🗨️ [why is `str1\[-1\] = o?`](#) 12
`[-1]` not covered in video lecture.
- ? [Starting point for `\[::i\]`](#) 4
As I understand it, this means to start at the very beginning, and slice till the end with a step `i`. In the example given, `s[::2]` gives 'Pto sFn'...
- ? [Can't click on submit in Exercise 2 part 4](#) 2
- 🗨️ [Exercise 2 part 4](#) 9
Please who can explain question 1,4 and 5

<p>? <u>Cannot submit Part 1 and Part 2</u> I have completed Part 1 and Part 2 exercises, but the Submit button is greyed out, and I am not able to submit my answers for checking.</p>	2
<p>🗨️ <u>Hiding the ball on negative indices</u> Why is there no write up in here about the effect of negative indices in general? I find it very dishonest and bad business to ask us quest...</p>	3
<p>? <u>Ex2_part3 number3</u> where there the word 'low' in string 4?????</p>	5
<p>🗨️ <u>Exercise2_Part1_Question No:4</u></p>	2
<p>🗨️ <u>Asking things which were not taught. Frustrated!</u> Asking things that were not taught. Frustrated!</p>	12
<p>? <u>What is collections?</u> It is not an easy thing to google at my skill level. Can someone explain how collections and strings work?</p>	4

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