



MITx: 6.00.1x

Introduction to Computer Science and Programming Using Python

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Exercise 2

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 understanding 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`

`string` ✓

`'hello'` ✓

2. `str1[0]`

`string` ✓

`'h'` ✓

3. `str1[1]`

`string` ✓

`'e'` ✓

4. `str1[-1]`

`string` ✓

`'o'` ✓

5. `len(str1)`

`int` ✓



You have used 1 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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```
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```

[Note: Advanced String Slicing](#)

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

1. `str1[len(str1)]`

2. `str1 + str2 + str3`3. `str1 + str2 + ' ' + str3`4. `str3 * 3`5. `'hello' == str1`

You have used 1 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:

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

Note: Advanced String Slicing

Note: The Python 'in' operator

1. `'HELLO' == str1`

boolean



False



2. `'a' in str3`

boolean





3.

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

4. `str3[1:3]`5. `str3[:3]`

You have used 1 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]`4. `str4[1:9:2]`5. `str4[::-1]`

You have used 1 of 9999 attempts

Exercise 2

Topic: Lecture 2 / Exercise 2[Add a Post](#)

?	Str1[-1] and Str3[: -1]	4
	Str1[-1] is "o" which means when reading in the opposite direction, "o" is the first letter. Str3...	
?	Part 4, Q 4. str4[1:9:2].	13
	Can someone explain this?	
?	Part 1 question no. 4	4
	Can anybody please explain me how did the answer came? I don't understand how the ans...	
💬	What's the logic behind str4[::-1] ?	14
	This is the point I always struggle to understand the logic behind Python. According to the a...	
💬	I wish I was graded for these	3
	I demand points for these.))	
?	Cannot submit answers	2
	For exercise 2 part 2 3 4, my answers could not be submitted. The previous exercises were s...	
?	Spoiler: First question of exercise 2 part 2	4
	Hi everyone. Can somebody explain why in this exercise : str1[len(str1)] (first question of ex...	
💬	Great Experience	1
	Though i'm from mechanical background i'm enjoying the course. And Professor Eric is Simp...	
✓	Submit button is not working	2
	Exercise 2 part 4 Submit button is not active. I wonder what is the cause?	
?	Spoiler: exercise 2,part4,question 4 and 5	2
	i m not understanding these question that how it solved	
?	help	7
	is [0:0:-1] any different from [::-1]? I got diffenent ouput when typing them in IDE I thought n...	
?	submission issues	2
	there seems to be a problem with the submissions button. I ca't press it for two of the exerc...	
💬	Problems submitting Exercise 2 Part 4	2
	Hello, I'm unable to submit Exercise 2 Part 4 ... submit button is grayed out. Anyone know?	

