



course_1_assessment_5

Due: 2018-11-25 01:17:00

Description: Assessment for Lists and Strings lesson.

Score: 8.0 of 8 = 100.0%

Questions

sequences-10-1: What will the output be for the following code?

Score: 1.0 / 1

Comment: autograded

```
let = "z"
let_two = "p"
c = let_two + let
m = c*5
print(m)
```

- ☐ A. zpzpzpzp
- ☐ B. zzzzzppppp
- ☒ C. pzpzpzpz
- ☐ D. ppppzzzzz
- ☐ E. None of the above, an error will occur.

Check me

Compare me

✓ Yes, because let_two was put before let, c has "pz" and then that is repeated five times.

Multiple Choice (assess_question2_1_1_1)

Score: 1.0 / 1

Comment: autograded

Write a program that extracts the last three items in the list `sports` and assigns it to the variable `last`.
Make sure to write your code so that it works no matter how many items are in the list.

Save & Run

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Show CodeLens

```
1 sports = ['cricket', 'football', 'volleyball', 'baseball', 'softball', 'track and field',
2 last=sports[-3:]
3 print(last)
4
5
```

ActiveCode (assess_ac_2_1_1_2)

Score: 1.0 / 1

Comment: autograded

Write code that combines the following variables so that the sentence "You are doing a great job, keep it up!" is assigned to the variable `message`. Do not edit the values assigned to `by`, `az`, `io`, or `qy`.

Save & Run

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Show CodeLens

```
1 by = "You are"
2 az = "doing a great "
3 io = "job"
4 qy = "keep it up!"
5 message=by+az+io+qy
6 print("%s"%message)
7
8
```

ActiveCode (assess_ac_2_1_1_3)

sequences-10-2: What will the output be for the following code?

Score: 1.0 / 1

Comment: autograded

```
ls = ['run', 'world', 'travel', 'lights', 'moon', 'baseball', 'sea']
new = ls[2:4]
print(new)
```

- ☐ A. ['travel', 'lights', 'moon']
- ☐ B. ['world', 'travel', 'lights']
- ☒ C. ['travel', 'lights']
- ☐ D. ['world', 'travel']

[Check me](#)[Compare me](#)

✔ Yes, python is a zero-index based language and slices are inclusive of the first index and exclusive of the second.

Multiple Choice (assess_question2_1_1_4)

sequences-10-3: What is the type of `m` ?

Score: 1.0 / 1

```
l = ['w', '7', 0, 9]
m = l[1:2]
```

Comment: autograded

- ☐ A. string
- ☐ B. integer
- ☐ C. float
- ☒ D. list

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✔ Yes, a slice returns a list no matter how large the slice.

Multiple Choice (assess_question2_1_1_5)

sequences-10-4: What is the type of `m` ?

Score: 1.0 / 1

```
l = ['w', '7', 0, 9]
m = l[1]
```

Comment: autograded

- ☒ A. string
- ☐ B. integer
- ☐ C. float
- ☐ D. list

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✔ Yes, the quotes around the number mean that this is a string.

Multiple Choice (assess_question2_1_1_6)

sequences-10-5: What is the type of `x` ?

Score: 1.0 / 1

```
b = "My, what a lovely day"
x = b.split(',')
```

Comment: autograded

- ☐ A. string
- ☐ B. integer
- ☐ C. float
- ☒ D. list

Check me

Compare me

✔ Yes, the .split() method returns a list.

Multiple Choice (assess_question2_1_1_7)

sequences-10-6: What is the type of `a` ?

Score: 1.0 / 1

Comment: autograded

```
b = "My, what a lovely day"
x = b.split(',')
z = "".join(x)
y = z.split()
a = "".join(y)
```

- ☒ A. string
- ☐ B. integer
- ☐ C. float
- ☐ D. list

Check me

Compare me

✔ Yes, the string is split into a list, then joined back into a string, then split again, and finally joined back into a string.

Multiple Choice (assess_question2_1_1_8)

Score Me